

Roofpak Applied Rooftop Units

RCS, RDT, RFS, RPS
Sizes 080 - 135 Tons
Vintage C



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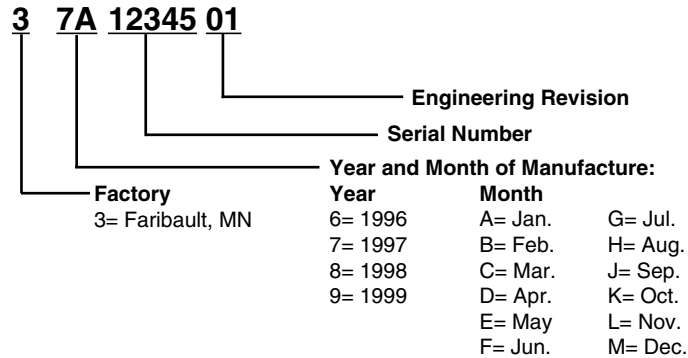
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Parts List Revision History

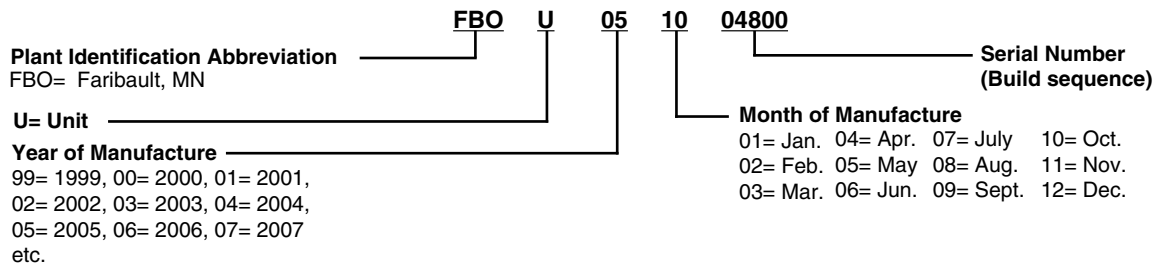
Rev.	Date	Description
A- AF	var.	Archived Revisions A- AF.
AG	01/15	Cover, Rev. pg.: Updated to Daikin Applied logo format. Various: Changed "Daikin McQuay Parts" to "Daikin Applied"; changed "insure" to "ensure"; 1/07 to present" to "1/07 & Later"; & changed "193414601" to "193414602". Changed "Code 12= M" to "Code 12= 1M, 2M, 4M, 5M". Page 5 (NEW): Added page for additional TOC. Page 6: Deleted/archived this Revision page. Repaginated form & updated TOC. Page 7: Reorganized/updated page contents. Page 8: Added footnote #1. Page 9: Updated tables as needed. Page 10- 14: Updated/corrected Nomenclature coding. Page 21, 42, 45, 46, 54, 102, 151, 152, 153, 155, 157, 158, 196, 289(OLD) 21, 41, 44, 45, 51, 53, 101, 150, 151, 152, 154, 156, 157, 195, 276 (NEW): Rewrote Notes. Page 22: Updated dwg. Rewrote footnotes and updated footnote notation. Deleted Iso. dmpr. info. Page 23: Rewrote Page Header. Added footnote #1. Page 24: Rewrote Page header. Rewrote footnotes and updated footnote notation. Page 25, 26, 27: Rewrote footnotes and updated footnote notation. Page 28: Updated dwgs. Page 29: Updated table and rewrote footnotes & footnote notation. Page 32: Added "Until 12/08" to page header, added footnote #1 and footnote notation, & changed Ref # 16 from "055638101" to "055638102". Page 33: Updated VFD tables. Added footnote #5 and footnote notation. Page 34: Deleted OL/OL Htr. p/ns. Updated dwgs. Rewrote footnotes & updated footnote notation. Page 36, 37: Updated dwgs. Changed "Code 15 & C15=" to "Code 21 & C21". Page 39: Updated mtr. table. Added footnote #1. Page 40: Updated dwgs. Updated RAT & SD2 tables. Rewrote footnotes. Page 41: Deleted pg. w/ Ebtron info. Ebtron is considered a special. Repaginated form & updated TOC. Page 42 (OLD) 41 (NEW): Updated fixture dwg. Rewrote footnote. Page 45 (OLD 44 (NEW): Updated section headers, updated fixture dwg. & corrected fixture table header. Page 52: Moved vlv. p/ns to new pg. 63. Updated/added to dwgs. Page 53: (NEW): Added pg. for additional vlv. components. Repaginated form & updated TOC. Page 55, 56, 58, 61 (OLD) 55, 56, 58, 61 (NEW): Changed Brg. p/ns "020648604", "020648605", "020648608", "020648609", to "020648654", "020648655", "020648658", "020648659" & added footnote explaining bearing change. Page 57: Corrected Fan Wheel orientation: Bubs 3 & 4 to match description for CW & CCW wheels. Page 61: Changed description of p/n 049541108 from "Bearing- Ball" to "Bearing- Roller". Page 79: Updated mtr. table and added footnote #1. Page 81- 93: Updated pg. headers. Corrected misc. formatting issues. Page 94: Deleted obsolete Inverter series ACH401 table. Page 95: Rewrote footnote #1. Page 97: Updated table with current p/ns and footnotes. Page 99: Corrected fixture table header and updated fixture dwg. Page 100: Updated tables as needed. Rewrote footnotes. Page 102: Corrected Diffuser p/ns. Page 103: Moved p/n table to new pg. 104. Updated/added to dwgs. Page 104 (NEW): Added pg. for additional vlv. & Actuator p/ns. Repaginated form & updated TOC. Page 116, 117 (OLD) 117, 118 (NEW): Rewrote page header & updated TOC. Updated/added p/ns, rewrote footnotes & updated footnote notation. Page 119, 123 (OLD) 120, 124 (NEW): Updated Ref #4 Wheel description. Page 127 (OLD) 128 (NEW): Changed Ref # 64, 65 Relay R21, 22 description from "(C12= A*)" to "Code 20= A*". Page 153 (OLD) 154 (NEW): Rewrote footnote #1. Page 155 (OLD) 165 (NEW): Updated tables & dwgs. Rewrote footnote #1. Page 156 (OLD) 157 (NEW): Rewrote page header & footnotes. Corrected dmpr. qty's. Page 157 (OLD) 158 (NEW): Corrected Section Size coding. Updated fixture dwg. Page 159, 160 (OLD) 160, 161 (NEW): Rewrote page headers. Rewrote footnotes and updated footnote notation. Updated p/ns. Page 161, 162 (OLD) 162, 163 (NEW): Rewrote page headers. Rewrote footnotes and updated footnote notation. Updated/added to p/ns. Updated Fan Detail dwg. Page 171, 172 (OLD) 172, 173 (NEW): P/Ns for Ref # 6 were reversed. 047356121 is for MTII & 047356122 is for NC. Page 181, 182 (OLD) 182, 183 (NEW): Rewrote Page Header & updated TOC. Page 185 (OLD) 186 (NEW): Rewrote footnote #1. Page 195 (OLD) 196 (NEW): Changed page header "McQuay Supplied..." to "Factory Supplied..." Updated TOC. Page 205- 226 (OLD) 216- 228 (NEW): Moved pgs. to reorganize section for clarity. Page 232 (OLD) 211 (NEW): Rewrote footnote #1. Page 207 (OLD) 218 (NEW): Rewrote footnotes. Page 201- 226 (OLD) 219- 227 (NEW): Deleted OL & OL Heater information & Code 10 PP & PS option. Rewrote/added to footnotes. Deleted 9 pgs. Repaginated form & updated TOC. Page 240- 242 (OLD) 231- 233 (NEW): Deleted unneeded CB & Contactor, etc. blank entries. Added rewrote Header footnote. Page 243 (OLD) 234 (NEW): Deleted duplicate CB & Contactor, etc. blank entries. Rewrote Header footnote. Page 237- 274 (OLD) 228- 266 (NEW): Numerous updates/corrections. Rewrote Page Header & Header footnote. Updated TOC. Page 275 (OLD) 265 (NEW): Deleted page and reorganized and condensed section. Page 276- 267 (OLD) 264- 277 (NEW): Numerous updates/corrections. Rewrote Page Header & Header footnote. Updated TOC. Page 288 (OLD): Deleted pg. with unused TEAO mtr. info. Option coded but never used. Page 290 (OLD) 279 (NEW): Rewrote footnote #4.

Nomenclature

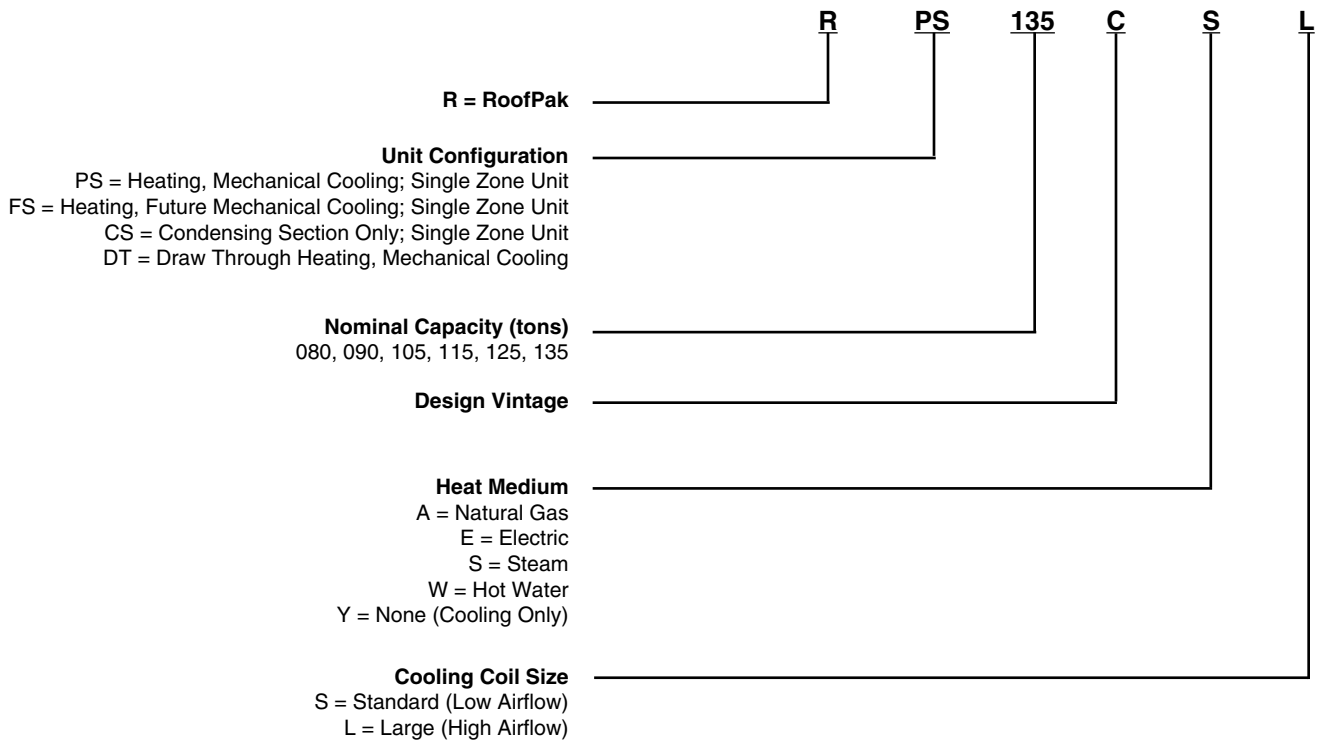
Serial Number- Until 2/1999



Serial Number- 2/1999 & Later



Unit Model Number



Nomenclature Continued

Unit Model Number- Complete ¹

RPS	080C	S	A	Y	1	EU	P	27	AL	P1	LD	5	5	A	1	CH	R120	BB	FE	44B1	JEY	1250A	Y	AB	S	CYYS	4Z104D
	Code	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
YYYYYY	BBBBBB	30A1	QEY	1250A	110SSB	YYYY	YYYYYY	YYYYYY	B	B	BB	Y	6	AG	Z	2	1	1	Y	D	YY1AAA						
29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50-54						

¹ An "X" located in any position in a code string indicates a special feature. Contact Daikin Applied with model and serial number information in order to correctly identify the required part(s).

Unit Section Layout Examples

A=
Return Air/Outside Air/
Heat Recovery/Prop Exhaust
Section

B, C, D, E=
Draw-Thru Section

F=
Supply Fan
Section

G, H, I=
Blow-Thru Section

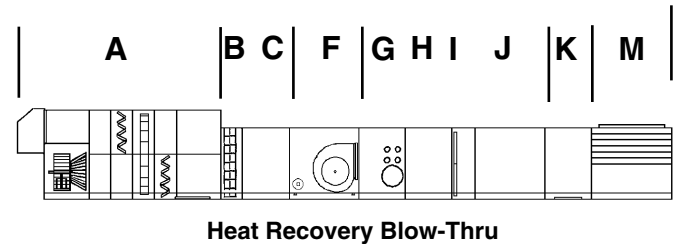
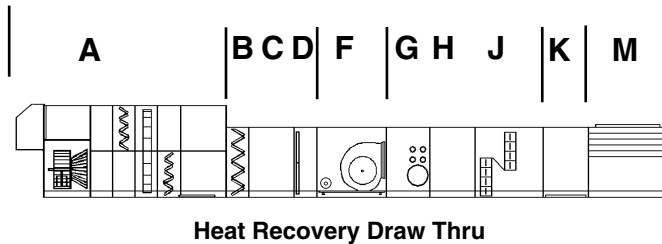
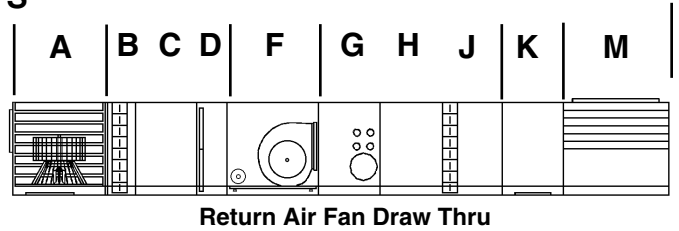
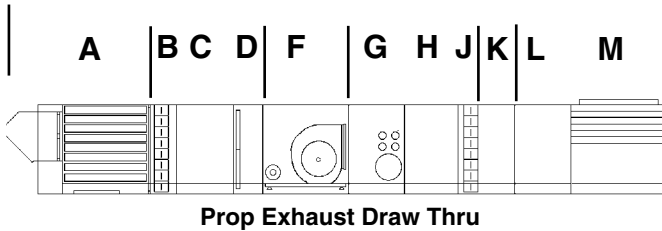
J=
Final
Filter

K=
Discharge
Plenum

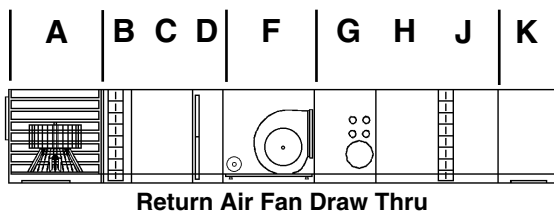
L=
Out-of Air-
Stream
Blank Ac-
cess

M=
Condenser Section

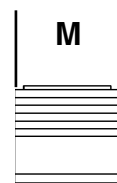
RPS



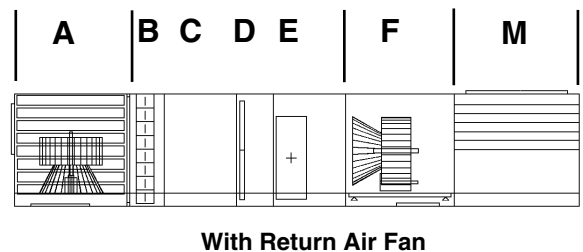
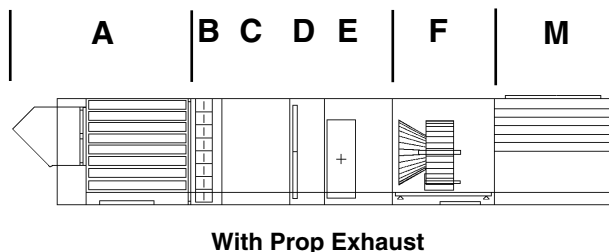
RFS



RCS



RDT



Nomenclature

Continued

General Options

Unit Model Codes that Pertain: 05, 06, 07, 51- 54

Section A

Outdoor/Return Air Section

Unit Model Codes that Pertain:

14, 15, 19, 20, 21, 22, 23, 24, 49

Sections B, C, D, E

Draw-Thru Cooling Sections

Section B- Filter

Unit Model Codes that Pertain: 25

Section C- Draw-Thru Blank Access

Unit Model Codes that Pertain: 14, 15, 26

Section D- Draw-Thru Cooling Section

Unit Model Codes that Pertain: 03, 27, 28

Section E- Draw-Thru Heating/Blank Section

Unit Model Codes that Pertain: 04, 30

Section F- Supply Fan Options

Unit Model Codes that Pertain:

12, 14, 15, 31, 32, 33, 40

Sections G, H, I

Blow-Thru Options (N/A RDT)

Section G= Blow-Thru Heat/Blank

Unit Model Codes that Pertain: 04, 34

Section H= Blow-Thru Blank Access

Unit Model Codes that Pertain: 38

Section I- Blow-Thru Coil Sections

Unit Model Codes that Pertain: 03, 35, 36

Section J- Final Filter Section

Unit Model Codes that Pertain: 39

Section K- Discharge Plenum Section

Unit Model Codes that Pertain: 40

Section L- Blank Section- Out of Airstream

Unit Model Codes that Pertain: 41

Section M- Condenser Section

Unit Model Codes that Pertain: 42, 43, 44, 45, 47

Section N- Main Control Panel

Unit Model Codes that Pertain: 08, 09, 10, 11, 12, 13, 14, 15, 17, 18

Refrigeration Tubing Options

Unit Model Codes that Pertain: 45, 46

Nomenclature

Continued

Code 04= Heat Section- Type of Heat

Y= No Heat
 A= Natural Gas Heat
 E= Electric Heat
 S= Steam Heat
 W= Hot Water Heat
 X= Propane Heat or Fuel Oil Furnace (specials)

Code 05= Split Unit

C= Split at condenser
 F= Split at Fan/Heat
 Y= None

Code 06= Insulation and Liners

1= 1", 3/4# with liners on doors
 2= 1½", 1.5# with solid liners on doors & ceilings
 3= 1½", 1.5# with perforated liners in plenums, solid elsewhere
 4= 1½", 1.5# with solid liners on doors, ceilings and floors
 5= 1½", 1.5# with perforated liners in plenums, solid elsewhere (including floors)
 6= 1½", 1.5# with St Stl Solid Liners on Doors, Ceilings and Floors

Code 07= Approval agency listing

CY= ETL-Canada
 EY= USA
 YY= None

Code 08= Main Control Box Location

P= Discharge Plenum MicroTech (2 panel)
 D= Discharge Plenum MicroTech II OR III (1 panel)
 S= Supply Fan (2 panel)
 F= Supply Fan II OR III (1 panel)

Code 09= Unit Voltage

12= 208/60/3
 27= 460/60/3
 28= 380/50/3
 29= 230/60/3
 37= 575/60/3

Code 10= Starting Option

AL= Across-the-Line (std.)
 PW= Part Winding Start
 PP= Part Winding Compressor & Fan
 PS= Part Winding Fans

Code 11= Field Power Connection and Disconnect

P1= Single Power Block: Complete Unit
 Q1= Two Power Blocks: EH/Balance of Unit
 A2= One, thru-the-door Disconnect: Complete Unit
 C2= Two, thru-the-door Disconnects: SAF&RAF&CB/Balance of Unit
 B2= Two, thru-the-door Disconnects: EHB/Balance of Unit
 D2= Three thru-the-door Disconnects: EH/SAF&RAF&CB/Balance of Unit

Code 12= Temperature Controls

MicroTech

1M= MicroTech, CAV, Zone Control
 2M= MicroTech, VAV, Discharge Air Cooling Control, Zone/Return Air Heating Control (Constant Volume)
 4M= MicroTech, VAV, Disch. Air Cool and Heating Control
 5M= MicroTech, CAV, Disch. Air Cooling or Cool & Heat Control

Code 12= Temperature Controls (continued)

MicroTech II

LD= LonMark w/ Discharge Air Temp. Ctl.
 LS= LonMark w/ Space or Zone Ctl.
 BD= BACNet w/MSTP w/ Discharge Air Temp. Ctl.
 BS= BACNet w/MSTP w/ Space or Zone Ctl.
 ED= BACNet w/Ethernet w/ Discharge Air Temp. Ctl.
 ES= BACNet w/Ethernet w/ Space or Zone Ctl.
 SD= Standalone w/ Discharge Air Temp. Ctl.
 SS= Standalone w/ Space or Zone Ctl.

MicroTech III

LE= LonMark w/ Discharge Air Temp. Ctl.
 LF= LonMark w/ Space or Zone Ctl.
 BE= BACNet w/ MSTP w/ Discharge Air Temp. Ctl.
 BF= BACNet w/ MSTP w/ Space or Zone Ctl.
 EE= BACNet w/Ethernet w/ Discharge Air Temp. Ctl.
 EF= BACNet w/Ethernet w/ Space or Zone Ctl.
 SE= Standalone w/ Discharge Air Temp. Ctl.
 SF= Standalone w/ Space or Zone Ctl.

No Controls

YM= No Temperature Controls
 YC= No Temperature Controls w/6 to 9 volt DC modulating Gas Heat Actuator

Code 13= Air Flow Controls

Y= None
 1= 1 duct sensor
 2= 2 duct sensors
 3= 1 duct and 1 space sensor
 4= 1 space sensor
 5= Duct Hi Limit (DHL) sensor for no controls unit- VAV unit only

Code 14= Inverters

Y= None
 X= Special (Inverter)
Separate Section
 1= SA Fan only w/bypass
 2= SA & RA Fans w/bypass
 4= RA only w/bypass
No Separate Section
 3= SA Fan only w/bypass
 5= SA & RA Fans w/bypass
 6= SA Fan only no bypass
 7= SA & RA Fans no bypass
 8= RA Fan only w/bypass
 9= RA Fan only no bypass

Code 15= Inlet Vane/Damper Actuators or Inverter Type

Y= None
 1= Supply Fan Only
 2= Supply and Return Fan
 4= Return Fan Only
 A= ABB Inverter
 G= Graham Inverter
 R= Reliance Inverter
 S= Daikin Applied MD2, MD3, MD6
 F= Field Installed Inverter controlled by MicroTech II or III

Code 16= Smoke Detectors

1= Return Air Smoke Detector
 2= Supply Air Smoke Detector
 3= 1 + 2
 Y= None

Nomenclature

Continued

Code 17= Misc. Aux. Controls

C G

Y= None
 F= Freezestat (Steam or HW Heat only)
 P= Phase Failure
 G= Ground Fault Protection
 L= Line Reactors (Inverter w/ separate section only)
 A= Freezestat & Phase Failure (Steam or HW Heat only)
 B= Freezestat & Ground Fault (Steam or HW Heat only)
 C= Phase Failure & Ground Fault
 D= Freezestat, Phase Failure & Ground Fault
 (Steam or HW Heat only)
 E= Freezestat & Line Reactors
 (Steam or HW Heat & Inverter w/ separate section only)
 H= Phase Failure & Line Reactors
 (Inverter w/ separate section only)
 J= Freezestat, P.F. & Line Reactors
 (ST or HW Heat & Inverter w/ separate section only)
 K= Ground Fault, Phase Failure & Line Reactors
 (Inverter w/ separate section only)
 1= UV Lights
 2= UV Lights & Freezestat
 (Steam or HW Heat only)
 3= UV Lights & Phase Failure
 4= UV Lights & Line Reactors
 (Inverter w/ separate section only)
 5= UV Lights, Freezestat & Phase Failure
 (Steam or HW Heat only)
 6= UV Lights, Freezestat & Line Reactors
 (ST or HW Heat & Inv. w/ sep. section only)
 7= UV Lights, Phase Failure & Line Reactors
 (Inverter w/ separate section only)
 8= UV Lights, Freezestat, Phase Failure & Line

C= Differential Enthalpy

Y= None (includes mechanical enthalpy)

Code 18= Misc. Controls/ Unit Length

YYYY= None

MicroTech

KYYY= Unit mounted Keypad

BYYY= Unit mounted Keypad and Modem

MicroTech II or MicroTech III

W__= Wireless Modem (__= Air Handler Length [in.])

M__= Phone Modem (__= Air Handler Length [in.])

R__= Remote Keypad (__= Air Handler Length [in.])

K__= Remote Keypad (__= Air Handler Length [in.])

U__= Unit Powered Receptacle (__= Air Handler Length [in.])

V__= K + U (__= Air Handler Length [in.])

Code 19= Return Air Plenum

YY= None (No return air section)

BY= Bottom Return

HY= Back Return

SY= Side (opp. drive) Return

BE= Bottom Return w/ Iso. Damper & Actuator

BB= Bottom Return w/ Burglar Bars

Code 20= Outdoor Air Options

YY= None

AE= 100% Outside air damper w/hood & actuator

AY= 100% Outside air damper w/hood/no actuator

BE= 0- 30% Outdoor air section w/actuator

BY= 0- 30% Outdoor air section w/o actuator

DE= 0- 100% Econ. w/barometric exhaust damper w/act.

DY= 0- 100% Econ. w/barometric exhaust damper w/o act.

EE= 0- 100% Econ. w/power closure exhaust damper w/act.

EY= 0- 100% Econ. w/power closure exhaust damper w/o act.

HE= 0- 100% Econ. w/prop exhaust damper w/act.

HY= 0- 100% Econ. w/prop exhaust damper w/o act.

FE= same as DE + Design Flow

FY= same as DY + Design Flow

GE= same as EE + Design Flow

GY= same as EY + Design Flow

JE= same as HE + Design Flow

JY= same as HY + Design Flow

KE= same as DE + Ebtron Sensor

KY= same as DY + Ebtron Sensor

LE= same as EE + Ebtron Sensor

LY= same as EY + Ebtron Sensor

ME= same as HE + Ebtron Sensor

MY= same as HY + Ebtron Sensor

Code 21= Return Air Fan

YYYY= No Return Air Fan

44B()= 44" Airfoil w/o vanes

44W()= 44" Airfoil w/vanes

()= Isolator type:

1= Rubber-In-Shear

2= Spring

3= Spring w/ Seismic Restraints

Code 22= Return Air Fan Motor

YYY= No Return Fan

J K Y
 Always Y

A= Open Drip-proof motor

E= High Eff. ODP motor

F= High Eff. VAV motor

G= Totally- Enclosed motor

H= High Eff. Totally-Enclosed

J= Premium Eff. ODP

K= Premium Eff. Totally- Encl.

J= 5.0 HP

K= 7.5 HP

L= 10.0 HP

M= 15.0 HP

N= 20.0 HP

P= 25.0 HP

Q= 30.0 HP

R= 40.0 HP

S= 50.0 HP

T= 60.0HP

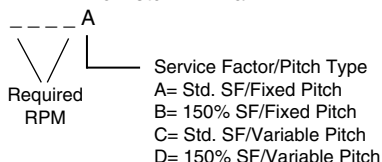
(prop exhaust option is always J [5.0 HP])

Nomenclature

Continued

Code 23= Return Air Fan Drive Selection

YYYY= No Return Air Fan



Code 24= Exhaust Fans

Y= None

2= 2 Prop Exhaust Fan w/ Hood

3= 3 Prop Exhaust Fans w/ Hood

Code 25= Draw-Thru Filter Section

AA= Angular/Throwaway

AB= Angular/30% Throwaway

AC= Angular/30%/Intersept

AY= Angular/No Media

DB= Angular w/LO CFM Blender/30% Throwaway

DC= Angular w/LO CFM Blender/30%/Intersept

DY= Angular w/LO CFM Blender/No Media

EB= Angular w/Hi CFM Blender/30% Throwaway

EC= Angular w/Hi CFM Blender/30%/Intersept

EY= Angular w/Hi CFM Blender/No Media

FA= Flat/ Throwaway

FB= Flat/ 30%/Throwaway

FC= Flat/30%/Intersept

FD= Flat/65% Cartridge

FE= Flat/95% Cartridge

FG= Flat/95% Cartridge/Intersept

FY= Flat/Rack Only

GY= Flat/Rack only w/LO CFM Blender

HB= Flat w/Hi CFM Blender/30% Throwaway

HC= Flat w/Hi CFM Blender/30%/Intersept

HD= Flat w/Hi CFM Blender/65% Cartridge

HE= Flat w/Hi CFM Blender/95% Cartridge

HG= Flat w/Hi CFM Blender/95% Cartridge/ Intersept

HY= Flat w/Hi CFM Blender/Rack Only

LE= Large Staggered/95% Cartridge

LG= Large Staggered/95% Cartridge/Intersept

LY= Large Staggered/Rack Only

SD= Staggered 65% Cartridge

SE= Staggered 95% Cartridge

SG= Staggered 95% Cartridge/Intersept

SY= Staggered Rack Only

VD= Staggered w/Hi CFM Blender/65% Cartridge

VE= Staggered w/Hi CFM Blender/95% Cartridge

VG= Staggered w/Hi CFM Blender/95% Cartridge/Intersept

VY= Staggered w/Hi CFM Blender/Rack Only

BY= Blank 24" Section- less Filters and Rack

CY= Blank 48" Section- less Filters and Rack

Code 26= Blank Draw-Thru Section

Y= None

S= Blank 48" Section

Code 27= Draw-Thru Drain Pan/Cooling Coil Section

RPS/RFS/RTD

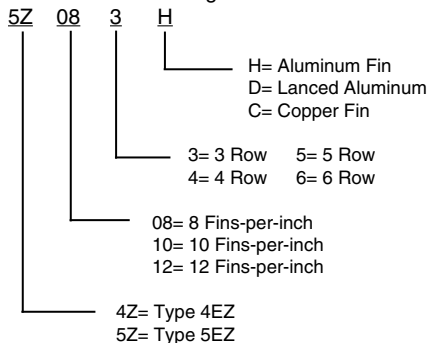
YYYY= None

CYY= Cooling coil section w/stainless steel sloped Drain Pan

CYYY= Cooling coil section w/galvanized steel sloped Drain Pan

Code 28= Draw-Thru Cooling Coil

YYYYYY= No Cooling Coil



Code 29= Draw-Thru Heating Coil

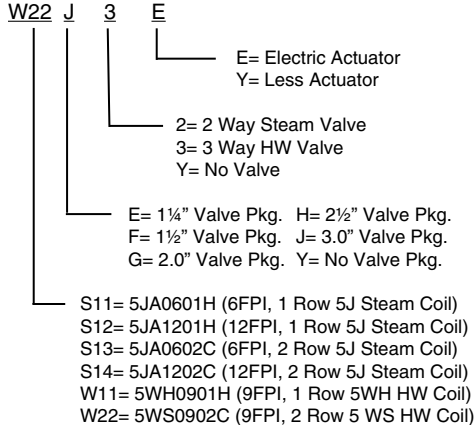
YYYYYY= No Heating Coil (always)

Code 30= Draw-Thru Heating Section (RDT only) OR Blank Spacer Section

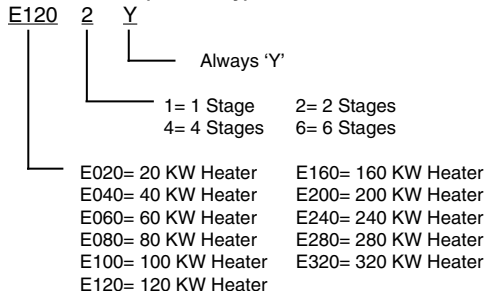
YYYYYY= No Heating Section

BBBBBB= Blank 48" Section

Hydronic Heat (RDT only)



Electric Heat (RDT only)



Nomenclature Continued

Code 31= Supply Air Fan

33A()= 33" Airfoil Double Width, w/o Vanes
 33V()= 33" Airfoil Double Width, w/ Vanes
 33F()= 33" Forward Curved, LP
 33M()= 33" Forward Curved, MP
 36A()= 36" Airfoil Double Width, w/o Vanes
 36V()= 36" Airfoil Double Width, w/ Vanes
 36F()= 36" Forward Curved, LP
 36M()= 36" Forward Curved, MP
 40A()= 40" Airfoil Double Width, w/o Vanes
 40V()= 40" Airfoil Double Width, w/ Vanes
 44B()= 44" Airfoil Single Width, w/o Vanes (RDT only)
 44W()= 44" Airfoil Single Width, w/ Vanes (RDT only)
 49B()= 49" Airfoil Single Width, w/o Vanes (RDT only)
 49W()= 49" Airfoil Single Width, w/ Vanes (RDT only)
 ()= Fan Isolators: 1= RIS; 2= Spring; 3= Spring w/ Seismic Snubbers

Code 32= Supply Air Fan Motor

E A Y
 Always "Y"
 A= Open Drip-proof Motor
 E= High Eff. ODP Motor
 F= High Eff. VAV
 G= Totally- Enclosed Motor
 H= High Eff. Totally-Enclosed
 J= Premium Eff. ODP Motor
 K= Premium Eff. Totally-Enclosed
 J= 5.0 HP M= 15.0 HP Q= 30.0 HP T= 60.0 HP
 K= 7.5 HP N= 20.0 HP R= 40.0 HP U= 75.0 HP
 L= 10.0 HP P= 25.0 HP S= 50.0 HP

Code 33= Supply Air Fan Drive Selection

Service Factor/Pitch Type
 A= Std. SF/Fixed Pitch
 B= 150% SF/Fixed Pitch
 C= Std. SF/Variable Pitch
 D= 150% SF/Variable Pitch
 Required RPM

Code 34= Blow-Thru Heat Section

YYYYYY= No section, cooling only
 BBBBBB= Blank 48" section, no heat, cooling only

Gas Heat Breakdown:

079 S S C
 A= Low CFM Baffle Position
 B= Medium CFM Baffle Position
 C= High CFM Baffle Position
 D= Extra High CFM
 Y= None
 A= One Stage Heat/Maximum gas pressure= 0.5 psi
 P= One Stage Heat/ with H.P. Regulator Range= 2- 3 psi
 Q= One Stage Heat/ with H.P. Regulator Range= 5- 10 psi
 E= Modulating Burner/Maximum gas pressure= 0.5 psi
 R= Modulating Burner/with H.P. Regulator Range= 2- 3 psi
 S= Modulating Burner/with H.P. Regulator Range= 5- 10 psi
 H= Hi Turn Down Burner 20:1
 T= Hi Turn Down Burner 20:1/with H.P. Regulator Range= 2- 3 psi
 U= Hi Turn Down Burner 20:1/with H.P. Regulator Range= 5- 10 psi
 A= Aluminized Steel Secondary Heat Exchanger
 S= Stainless Steel Heat Exchanger
 MBH (in 10's)
 ex. 065= 650 MBH [050, 064, 065, 079, 080, 100, 110, 140, 150, 200]

Code 34= Blow-Thru Heat Section (continued)

Hydronic Heat Breakdown:

W22 J 3 E
 E= Electric Actuator
 Y= Less Actuator
 2= 2 Way Steam Valve
 3= 3 Way HW Valve
 Y= No Valve
 E= 1 1/4" Valve Pkg. H= 2 1/2" Valve Pkg.
 F= 1 1/2" Valve Pkg. J= 3.0" Valve Pkg.
 G= 2.0" Valve Pkg. Y= No Valve Pkg.
 S11= 5JA0601H (6FPI, 1 Row 5J Steam Coil)
 S12= 5JA1201H (12FPI, 1 Row 5J Steam Coil)
 S13= 5JA0602C (6FPI, 2 Row 5J Steam Coil)
 S14= 5JA1202C (12FPI, 2 Row 5J Steam Coil)
 W11= 5WH0901H (9FPI, 1 Row 5WH HW Coil)
 W22= 5WS0902C (9FPI, 2 Row 5 WS HW Coil)

Electric Heat Breakdown:

E020 1 Y
 Always "Y"
 1= 1 Stage 4= 4 Stages
 2= 2 Stages 6= 6 Stages
 E020= 20 KW Heater E200= 200 KW Heater
 E040= 40 KW Heater E240= 240 KW Heater
 E060= 60 KW Heater E280= 280 KW Heater
 E080= 80 KW Heater E320= 320 KW Heater
 E100= 100 KW Heater
 E120= 120 KW Heater
 E160= 160 KW Heater

Code 35= Blow-Thru Drain Pan/Cooling Coil Section

RPS/RFS

YYYY= None
 CYYYS= Cooling Coil section w/stainless steel Drain Pan
 CYYY= Cooling Coil section w/galvanized steel Drain Pan
 DYYS= Stainless Steel Drain Pan only (48" blank section)
 DYYY= Galvanized Steel Drain Pan only (48" blank section)
 YYYY= None

Code 36= Blow-Thru Cooling Coil

YYYYYY= No Cooling Coil

5Z 08 3 H
 H= Aluminum Fin
 D= Lanced Aluminum
 C= Copper Fin
 3= 3 Row 5= 5 Row
 4= 4 Row 6= 6 Row
 08= 8 Fins-per-inch
 10= 10 Fins-per-inch
 12= 12 Fins-per-inch
 4Z= Type 4EZ
 5Z= Type 5EZ

Code 37= Not an RPS/RDT/RFS/RCS Code

YYYYYY= None

Code 38= Blow-Thru Blank Access Section

Y= None- no section
 B= Blank Section after Heat Section- 48" section

Nomenclature

Continued

Code 39= Final Filter Section

Y= None

A= Flat Filter section, 95% cartridge, 24/24"

B= Flat Filter section, 95% cartridge, 24/48"

C= Blank- 24/24" section

D= Blank- 24/48" section

E= Flat Filter section, 95% cartridge, 24/24" with Intersept

F= Flat Filter section, 95% cartridge, 24/48" with Intersept

Code 40= Discharge Plenum

BY= Bottom Discharge

GY= Bottom Discharge (SW Supply Fan Only)

BB= Bottom Discharge w/ Burglar Bars

GB= Bottom Discharge w/ Burglar Bars (SW Supply Fan Only)

BE= Bottom Discharge w/ Discharge Damper (VAV) w/act.

FY= Front Discharge (RFS only)

SY= LH Side Discharge (SW Supply Fan only)

HY= LH Side Discharge (SW Supply Fan only)

Code 41= Blank Section- Out of Airstream

Y= None- no selection required

1= 48/24" Blank Section only- out of airstream with Light

2= 48" Blank Section only- out of airstream with Light

Code 42= Compressor Capacity Control

4= 4 steps

6= 6 steps

8= 8 steps

Code 43= Condenser Options

AY= Aluminum Fin Air Coil

AG= Aluminum Fin Air Coil w/ Coil Guards

AS= Aluminum Fin Air Coil w/ Seal Tite Conduits

AB= Alum. Fin Coil w/ Coil Guards & Seal Tite Conduits

CY= Copper Fin Air Coil

Code 44= Compressor Type

H= Semi Hermetic R22

K= Semi Hermetic R407C

Z= Scroll R22 (080- 105 only)

T= Scroll R407C (080- 105 only)

Code 45= Compressor Isolation

1= Resilient Rubber-In-Shear (RIS)

2= Spring isolation

3= Seismic

Code 46= Piping Option

1= Hot Gas Bypass, circuit #1 only

2= Hot Gas Bypass, circuits 1 & 2

3= Replaceable Filter Drier Core

4= 1 + 3

5= 2 + 3

Y= None

Code 47= Low Ambient Operation

1= Fantrol Standard Fans

2= Speedtrol Standard Fans

3= Fantrol Quiet Fans

4= Speedtrol Quiet Fans

Code 48= Seismic Construction / Power Factor Capacitors

I= Seismic Construction

P= Power Factor Capacitor(s)

Code 49= Supply and Return Fan Options

Y= None

A= SA fan belt guard

B= SA fan section light

C= A + B

D= SA & RA fan belt guard

E= SA & RA section light

F= D + E

Code 50= Misc.

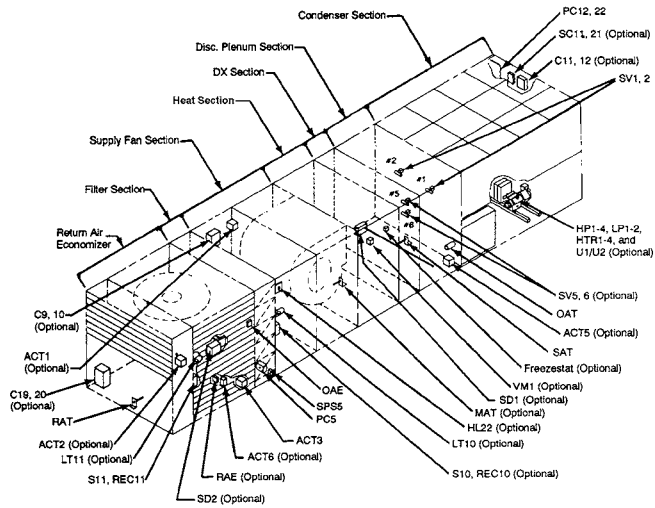
Code 51= Packaging

Code 52= Parts Warranty

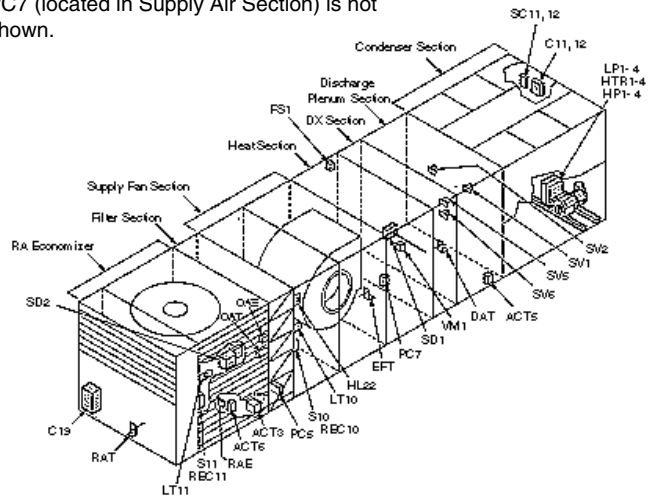
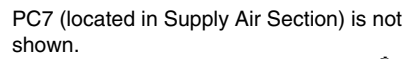
Code 53= Compressor Warranty

Code 54= Heat Exchanger Warranty

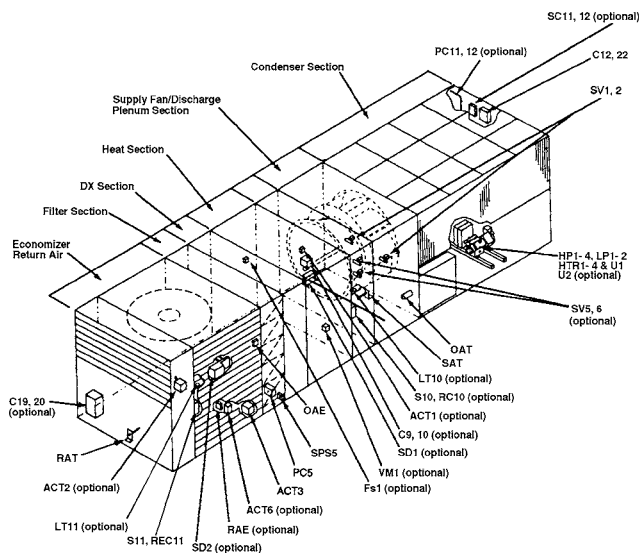
Control Locations ¹



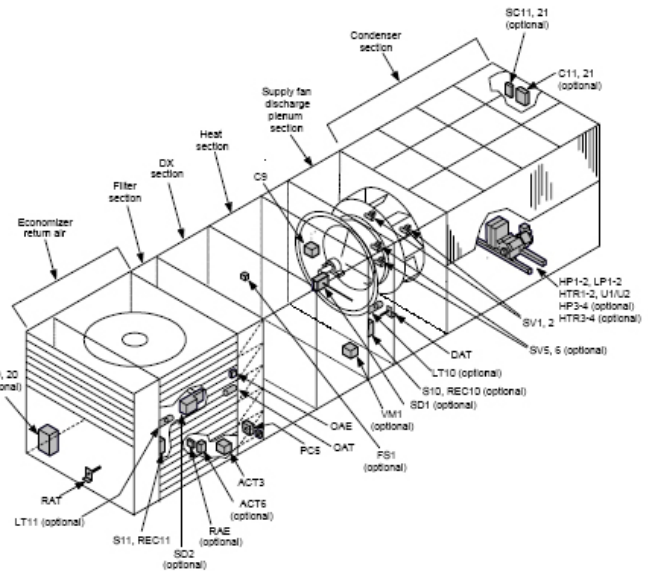
RPS, RFS, RCS - MicroTech controls & optional Inlet Vanes



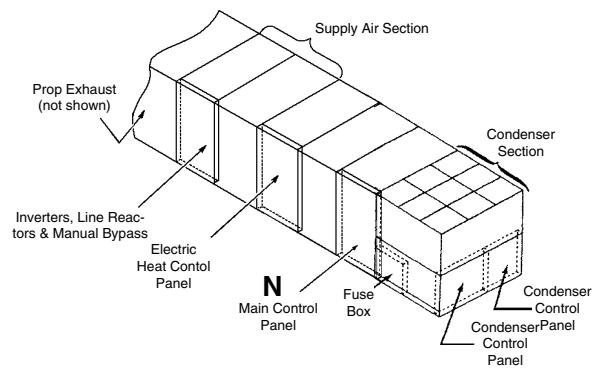
RPS, RFS, RCS - MicroTech II OR III controls



RDT - MicroTech controls & optional Inlet Vanes



RDT - MicroTech II OR III controls



¹ Units shown for reference only. Controls and control locations may vary depending on unit configuration, age, and options selected.

Electrical Legend

Schematic Sym.	Description	Location
ACT1	Actuator Motor, Supply Fan Vanes	Supply Air Section
ACT2	Actuator Motor, Return Fan Vanes	Return Air Section
ACT3, 4	Actuator Motors, Economizer Dampers	Economizer Section
ACT5	Actuator Motor, Discharge Isolation Damper	Discharge Section
ACT6	Actuator Motor, Return Air Isolation Damper	Return Air Section
ACT7	Actuator Motor, Heat Face/Bypass	Coil Section, Heat
ACT8	Actuator Motor, Cool Face/Bypass	Coil Section, Cool
ACT 10, 11	Actuator Motors, Exhaust Dampers	Return Air Section
ADI	ADI Board	Main Control Box
AFD10	Adjustable Frequency Drive (Inverter), Supply Fan	AFD or Supply Fan Sect.
AFD20	Adjustable Frequency Drive (Inverter), Return Fan	AFD or Supply Fan Sect.
AS	Blower Air Switch	Furnace Section
BM	Burner Blower Motor	Furnace Section
C1- 5	Power Factor Capacitors, Compressor #1	Condenser Section
C2, 6	Power Factor Capacitors, Compressor #2	Condenser Section
C3, 7	Power Factor Capacitors, Compressor #3	Condenser Section
C4, 8	Power Factor Capacitors, Compressor #4	Condenser Section
C9, 10	Power Factor Capacitors, Supply Fan	Supply Air Section
C11	Capacitor, Speedtrol (Circuit #1)	Cond. Bulkhead
C19, 20	Power Factor Capacitors, Return Fan	Return Air Fan
C21	Capacitor, Speedtrol (Circuit #2)	Cond. Bulkhead
CB10	Circuit Breaker, Supply Fan	Main Control Box
CB20	Circuit Breaker, Return Fan	Main Control Box
CCB1, 2	Compressor Control Boards	Main or Cond. Ctl. Box
COMPR.1- 4	Compressors	Condenser Section
CPC	Circuit Board, Main, MicroTech Controller	Main Control Box
CPR	Circuit Board, expansion, Main Controller	Main Control Box
CS1, 2	Control Switches, Refrigerant Circuits	Condenser Control Box
DAT	Discharge Air Temperature Sensor	Discharge section
DB1	Daughter Board	Main Control Box
DFLH	Design Flow Sensor, Left Hand	Return Section
DFRH	Design Flow Sensor, Right Hand	Return Section
DHL	Duct High Limit	Main Control Box
DS1	Disconnect, Total Unit or Condenser/Heat	Main Control Box
DS2	Disconnect, SAF/RAF/Controls	Main Control Box
DS3	Disconnect, Electric Heat	Electric Heat Section
DS4	Disconnect, Condenser	Cond. Control Box
DS6	Disconnect, Unit Supplied 120V Power	Bulkhead
EFT	Entering Air Temperature Sensor	Supply Fan Section
EHB1	Staged Electric Heat Board	Main Control Box
EXPA, B, D	Expansion Boards	Main Control Box
F1, 1A	Fuses, Control Circuit, T1 Primary	Main Control Box
F1C	Fuse, Control Circuit, T1 Secondary	Main Control Box
F2	Fuse, Control Circuit	Condenser Control Box
F3	Fuse, Burner Motor	Main Control Box
F4	Fuse, T4 Transformer	Main Control Box
F11	Fuse, Speedtrol Motor	Main Control Box
F12	Fuse, 208V Speedtrol Motor	Main Control Box
FB1- 4	Fuseblocks, Compressors	Condenser/Fuse Ctrl Box
FB8	Fuseblock, Main Transformer	Main Control Box
FB9, 10	Fuseblocks, Supply Fan	Main Control Box
FB11- 18	Fuseblocks, Condenser Fans	Cond. Control Box
FB19, 20	Fuseblocks, Return Fan	Main Control Box
FB31- 40	Fuseblocks, Electric Heat (Top Bank)	Electric Heat Section

Electrical Legend Continued

Schematic Sym.	Description	Location
FB41- 50	Fuseblocks, Electric Heat (Bottom Bank)	Electric Heat Section
FD	Flame Detector	Furnace Section
FLC	Fan Limit Control	Furnace Section
FS1	Freezestat	Coil Section, Heat/Cool
FSG	Flame Safeguard	Furnace Section
GCB1	Generic Condenser Board	Main Control Box
GFS1/GFR1	Ground Fault Sensor/Relay, RPS Unit	Main Control Box
GFS2/GFR2	Ground Fault Sensor/Relay, RCS Unit	Cond. Control Box
GFS4/GFR4	Ground Fault Sensor/Relay, RCS Unit	Cond. Control Box
GRD	Ground	All Control Boxes
GV1	Gas Valve, Pilot	Furnace Section
GV2, 3	Gas Valves, Main	Furnace Section
GV4- 8	Gas Valves, Hi-Turn Down	Furnace Section
HL 1- 10	High Limits, Elec. Heaters, Power (Top Bank)	Electric Heat Section
HL 11- 20	High Limits, Elec. Heaters, Power (Bottom Bank)	Electric Heat Section
HL22	High Limit, Gas Heat (Prefilters)	Supply Air Section
HL23	High Limit, Gas Heat (Final Filter)	Final Filter Section
HL31- 40	High Limits, Elec. Heaters, Control (Top Bank)	Electric Heat Section
HL41- 50	High Limits, Elec. Heaters, Control (Bottom Bank)	Electric Heat Section
HP1- 4	High Pressure Controls, Refrigerant	On Compressors
HP5	High Pressure Control, Gas	Furnace Section
HS1	Heat Switch, Electric, Shutdown	Main Control Box
HTR1- 4	Crankcase Heaters	On Compressors
IT	Ignition Transformer	Furnace Section
LP1, 2	Low Pressure Controls, Refrigerant	On Compr.
LP5	Low Pressure Control, Gas	Furnace Section
LT2	Light, Furnace On	Furnace Section
LT3	Light, Pilot Gas Valve On	Furnace Section
LT4	Light, Main Gas Valve On	Furnace Section
LT10	Light, Supply Fan	Supply Air Section
LT11	Light, Return Fan	Return Air Section
LT12	Light, Heat Section	Heat Section
LT13	Light, Filter Section	Filter Section
LT14	Light, Final Filter Section	Final Filter Section
LT15	Light, Discharge Section	Discharge Section
LT16	Light, Blow-through Coil Section	Blow-Thru Coil Section
LT17	Light, Evaporator Coil Section	Evaporator Coil Section
LT18	Light, Preheat Section	Preheat Section
LT19	Light, Blank Section	Blank Section
LT20	Light, Blank Section	Blank Section
LT22	Light, Condenser Section	Condenser Section
M1- 8	Contactors, Compressors	Main/Cond. Control Box
M9, 10	Contactors, Supply Fan	Main Control Box
M11- 18	Contactors, Condenser Fans, Circuit #1	Cond. Control Box
M19, 20	Contactors, Return Fan	Main Control Box
M21- 28	Contactors, Condenser Fans, Circuit #2	Cond. Control Box
M29	Contactor, Burner Motor	Furnace Section
M30	Contactor, Supply Fan Inverter	Inverter Bypass Box
M31- 39	Contactors, Elec. Heaters (Top Bank)	Electric Heat Section
M40	Contactor, Return Fan Inverter	Inverter Bypass Box
M41- 50	Contactors, Elec. Heaters (Bottom Bank)	Electric Heat Section
M51, 52, 53	Contactors, Prop Exhaust Fan Motor	Return Air Section

Electrical Legend Continued

Schematic Sym.	Description	Location
MAT	Mixed Air Temperature Sensor	Supply Air Section
MCB	Microprocessor Control Board	Main Control Box
MCB1	Microprocessor Control Board #1	Main Control Box
MJ	Mechanical Jumpers	Terminal Blocks
MMP1- 6	Manual Motor Protectors, Compressors	Main/Cond. Control Box
MMP10	Manual Motor Protector, Supply Fan	Main Control Box
MMP11, 12	Manual Motor Protectors, Condenser Fans Ckt. 1	Main/Cond. Control Box
MMP20	Manual Motor Protector, Return fan	Main Control Box
MMP21, 22	Manual Motor Protectors, Condenser Fans Ckt. 2	Main/Cond. Control Box
MMP51, 52, 53	Manual Motor Protectors, Prop Exhaust Fan Motors	Return Air Section
MP1- 4	Motor Protectors, Compressors	On Compressors
NB1, 2	Neutral Blocks	Main Control Box
NB3	Neutral Block	Cond. Control Box
OAE	Outside Air Enthalpy Control	Economizer Section
OAT	Outside Air Temperature Sensor	Discharge Bulkhead
OBA	Output Board A, Standard	Main Control Box
OBB	Output Board B, Cooling	Main Control Box
OBC	Output Board C, Heating	Main Control Box
OL9, 10	Overload Relays, Supply Fan	Main Control Box
OL 19, 20	Overload Relays, Return Fan	Main Control Box
OL 51, 52, 53	Overload Relays, Prop Exhaust Fan	Return Air Section
OP1- 4	Oil Pressure Controls, Compressors	Condenser Section
PB1	Powerblock, Total Unit or Cond./Heat	Main Control Box
PB2	Powerblock, SAF/RAF/Controls	Main Control Box
PB3	Powerblock, Electric Heat	Electric Heat Section
PB4	Powerblock, Condenser	Cond. Control Box
PB9, 10	Powerblocks, Supply Fan	Unit Split Junction Box
PB19, 20	Powerblocks, Return Fan	Unit Split Junction Box
PB31	Power Block, DS3 Power Distribution	Electric Heat Control Box
PB41	Powerblock, Power Distribution	RCS Control Box
PC5	Pressure Control, Clogged Filter	Filter Section
PC6	Pressure Control, Clogged Final Filter	Final Filter Section
PC7	Pressure Control, Proof of Airflow	Supply Air Filter
PC8	Pressure Control, Minimum Airflow	Evaporator Coil Section
PC12, 22	Pressure Controls, FanTrol	Cond. Bulkhead
PM1	Phone Modem	Main Control Box
PS1, 2	Pumpdown Switches, Refrigerant Circuits	Cond. Control Box
PS3	Pumpdown Switch, Unit	Main Control Box
PVM1	Phase Voltage Monitor, RPS Unit	Main Control Box
PVM2, 4	Phase Voltage Monitors, RCS Unit	Cond./Fuse Ctrl Box
R1, 2	Relays, High Pressure Reset	Main/Cond. Control Box
R3, 4	Relays, Hi Pressure delay	Main/Cond. Control Box
R5- 8	Relays, Compressor, Safety/Cool Fail	Main/Cond. Control Box
R9, 10	Relays, Compressor Lockout	Main/Cond. Control Box
R11, 12	Relays, Low Ambient	Main/Cond. Control Box
R12, 13, 14	Relays, Condenser Fan	<Main Control Box
R19, 20	Relays, Cool Failure Indicator	Main Control Box
R20	Relay, Gas, Steam, Hot Water Heat	Main Control Box
R21, 22	Relays, Gas Heat	Furnace Section
R23	Relay, Gas Heat, Modulating Valve or Electric Heat	Furnace Sect./Elec. Ht. CB
R24	Relay, Gas Heat Alarm	Main Control Box
R25	Relay, Gas Heat Start, Supply Fan Inverter	Main Control Box

Electrical Legend Continued

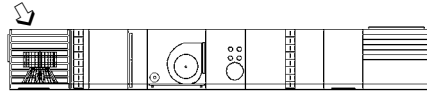
Schematic Sym.	Description	Location
R26	Relay, Occupied/Unoccupied	Main Control Box
R27	Relay, Exhaust Dampers	Main Control Box
R28	Relay, Isolation Dampers	Main Control Box
R29	Relay, Remote Fire Alarm	Main Control Box
R30	Relay, Cool Valve w/ F&B	Main Control Box
R45	Relay, UV Lights	Main Control Box
R46, 47	Relays, Supply Fan Inverter increase/decrease	Main Control Box
R48, 49	Relays, Return Fan Inverter increase/decrease	Main Control Box
R62, 64	Relays, Special	Main Control Box
R63	Relay, Duct Hi Limit	Main Control Box
R66	Relay, RA Smoke Detector	Main Control Box
R67	Relay, Supply Fan Enable	Main Control Box
R68	Relay, Return Fan Enable	Main Control Box
R69	Relay, Inverter Bypass VAV Box Interlock	Main Control Box
R81- 88	Relays, Smoke	Main Control Box
RAE	Return Air Enthalpy Sensor	Return Air Section
RAT	Return Air Temperature Sensor	Return Air Section
REC1	Receptacle, Main Box	Main Control Box
REC2	Receptacle, Condenser Box	Cond. Control Box
REC3	Receptacle, Field Power, 115V	Discharge Bulkhead
REC10- 23	Receptacles, Cabinet Section	Cabinet Sections
S1	Switch, System On/Off, RPS Unit	Main Control Box
S2	Switch, System On/Off, RCS Unit	Cond. Control Box
S3	Switch, Furnace On/Off	Furnace Section
S4	Switch, Inverter Bypass On/Off	Main Control Box
S6	Switch, Return Fan Vanes Adjustment	Main Control Box
S7	Switch, Local On/Off/Auto to Controller	Main Control Box
S10- 22	Switches, Cabinet Section Lights	Cabinet Sections
S40- 45	Switches, Door Interlock, UV Lights	Cabinet Sections
SAT	Supply Air Temperature Sensor	Discharge Section
SB1	Staging Board #1, Cooling	Main Control Box
SB2	Staging Board #2, Heating	Main Control Box
SC11	Speed Control, Circuit #1	Cond. Bulkhead
SC21	Speed Control, Circuit #2	Cond. Bulkhead
SD1	Smoke Detector, Supply Air	Discharge Section
SD2	Smoke Detector, Return Air	Return Air Section
SPS1, 2	Static Pressure Sensors, Duct or Building	Main Control Box
SPS5	Static Pressure Sensor, Clogged Filter	“” Filter Section
SPS6	Static Pressure Sensor, Clogged Final Filter	Final Filter Section
SR1- 3	Sequence Relays, Electric Heat	Electric Heat Section
SV1- 4	Solenoid Valves, Liquid	Discharge Bulkhead
SV5- 8	Solenoid Valves, Hot Gas	Discharge Bulkhead
T1	Transformer, Main Control	Main Control Box
T2	Transformer, Unit 24V	Main Control Box
T3	Transformer, Controller, 18V	Main Control Box
T4	Transformer, Exhaust Dampers	Main Control Box
T5	Transformer, Electric Heat	Electric Heat Section
T6	Transformer, Unit Supplied 120V Voltage	Bulkhead
T7	Transformer, Gas Pilot Valve	Furnace Section
T8	Transformer, Gas Main Valve	Furnace Section
T9	Transformer, 24V Refrigerant Circuit	Main Control Box
T10	Transformer, SpeedTrol, 24V	Cond. Control Box

Electrical Legend Continued

Schematic Sym.	Description	Location
T11	Transformer, Speedtrol, 230V	Cond. Control Section
TB1	Terminal Block, 115V, Field	Main/Cond. Control Box
TB2	Terminal Block, 24V, Field	Main/Cond. Control Box
TB3, 4	Terminal Blocks, Condenser	Cond. Control Box
TB5	Terminal Block, 115V, Factory	Main/Cond. Control Box
TB6	Terminal Block, 115V/24V, Factory	Main Control Box
TB7, 8	Terminal Blocks, 24V, Factory	Main Control Box
TB10	Terminal Block, Heating	Main Control Box
TB11	Terminal Block, Heating	Electric Heat Section
TB12, 13	Terminal Blocks, Electric Heat, Power	Electric Heat Section
TB25	Terminal 115V Factory	Unit Split Junction Box
TB27, 28	Terminals 24V Factory	Unit Split Junction Box
TC1, 2	Temperature Controls, FanTrol	Cond. Control Box
TC12	Temperature Control, Fantrol	Cond. Control Box
TD1, 2	Time Delays, Compressor Lockout	Main/Cond. Control Box
TD3, 4	Time Delays, High Pressure	Main/Cond. Control Box
TD5- 8	Time Delays, Compressor Part Winding	Cond. Control Box
TD9	Time Delay, Supply Fan Part Winding	Main Control Box
TD10	Time Delay, Hi-Turn Down Burner	Furnace Section
TD11, 12	Time Delays, Low Ambient	Cond. Control Box
TD19	Time Delays, Return Fan Part Winding	Main Control Box
TD20	Time Delay, Return Air Fan	Main Control Box
TR1, 2	Transducers, Pressure	Main Control Box
U1, 2	Unloaders, Compressors	On Compressors
VM1	Valve Motor, Heating	Heating Section
VM5	Valve Motor, Cooling	Coil Section, Cool
VV1	Vent Valve	Furnace Section
ZNT1	Zone Temperature Sensor, Control	Field Installed
ZNT2- 5	Zone Temperature Sensors, Special	Field Installed

Section A- Outdoor/Return Air Section

Notes



Primary Codes that pertain: 19, 20, 21, 22, 23

Additional Codes that pertain: 06, 09, 12, 14, 15, 16, 17, 49

Codes 19 and 20 determine the base section. Code 19 is the Return Air Plenum, and determines if the unit has back/horizontal return air, bottom return air, or side return air. A Return Air Plenum is required for any outdoor air application with an Economizer (Code 20= BE, BY, DE, DY, EE, EY, FE, FY, GE, GY, HE, HY, JE, JY). The only case in which a Plenum is not required is when a 100% Outdoor Air Damper and Hood are ordered (Code 20= AE, AY).

Codes 21, 22, 23 determine the Return Air Fan, Motor and drives. These codes only pertain to units with a 0- 100% Economizer (Code 20= DE, DY, EE, EY, FE, FY, GE, GY, HE, HY, JE, JY). Return Fan section parts, Fans, and Fan Motors are listed in this section. **Drive components (Fan Sheave, Motor Sheave, V-belt(s), and Sheave Bushing(s) [if required]) are NOT listed as they are unique to the unit. If a drive component is required you may use the number from the part and cross reference it with the Drive Components Cross Reference, form number 571006, or contact Daikin Applied with model and serial number information for identification. Note that units built 1/99 & Earlier will require a new drive selection. If this is the case, ALL drive components need to be replaced at the same time to ensure correct drive operation.** Return Fan Motors range from 5- 60 horsepower and the Fan Wheel is a 44" Airfoil.

Code 06 determines the panels used in final cabinet assembly (return air units only). **For sheet metal components that make up the Outdoor/Return Air Section, contact Daikin Applied to ensure that correct liners, insulation and hardware are ordered.**

Code 09, the voltage, is part of the Motor part number identification.

Code 12, the control system, comes into play when an Economizer is present. The Economizer comes with an Actuator Motor on any MicroTech unit (Code 12 1M, 2M, 4M, 5M [MicroTech] OR *D, *S, *E, *F [MicroTech II or MicroTech III]), but MAY OR MAY NOT come with a factory supplied Actuator if the unit has controls by others (Code 12= YM, YC).

Code 14 determines if the Return Fan has an Inverter, or Variable/Adjustable Frequency Drive. If Code 14 equals 1- 9 (or X for units built 2001 & Earlier), then the unit has Inverters, and cannot, therefore have Fan Wheels with Variable Inlet Vanes. Note that Variable Inlet Vanes were not offered after mid 2003.

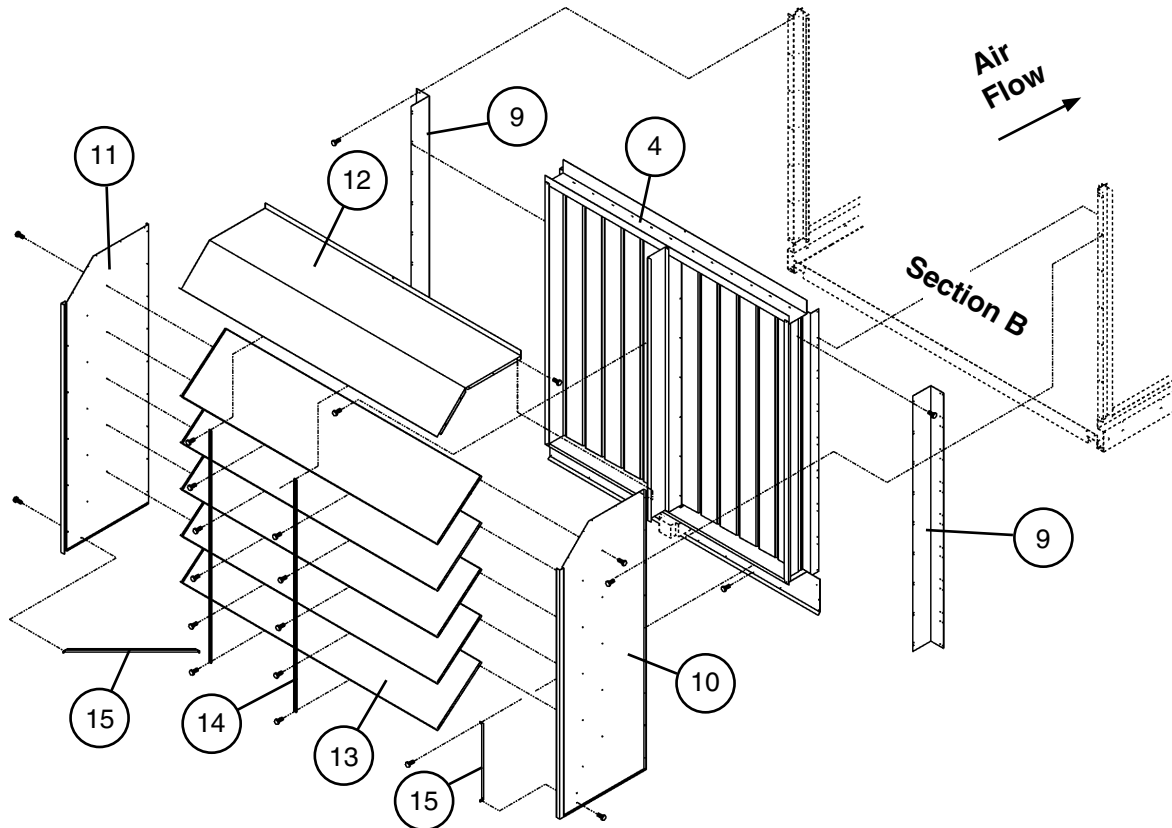
Code 15, determines if Variable Inlet Vanes (VIV) are present OR determines what type of Inverter was ordered, OR if the Inverter was field supplied and controlled by the Microtech Controller.

Code 16 determines the Smoke Detector which is located in the Return Air Cabinet. Code 16= 1, 3 if a Smoke Detector (SD2) is present.

Code 17 determines the Enthalpy Control. If Code 17= Y* and the unit has an Economizer there is mechanical enthalpy control (OAE). If Code 17= C*, there is differential enthalpy control (OAE + RAE).

Code 49 determines if the Return Air Cabinet has a Light, Switch and Receptacle (Code 49= B), Fan Belt Guards (Code 49= D), or both (Code 49= F).

Section A1- Outdoor/Return Air Section **100% Outside Air Damper with Hood** **Code 20= AE, AY AND Code 19= YY** **No Return Air Plenum**



Ref. No.	Part Description	Actuator		Qty.
		C20= AE	C20= AY	
4	Damper Assembly	¹	²	1
	Damper Only	098313801	039813801	1
9	Liner	056132701	056132701	2
10	Panel- Hood Side	056132203	056132203	1
11	Panel- Hood Side	056132204	056132204	1
12	Panel- Hood Top	056131802	056131802	1
13	Louver	056132002	056132002	5
14	Channel- Support	056132403	056132403	2
15	Channel- Support	056132102	056132102	2

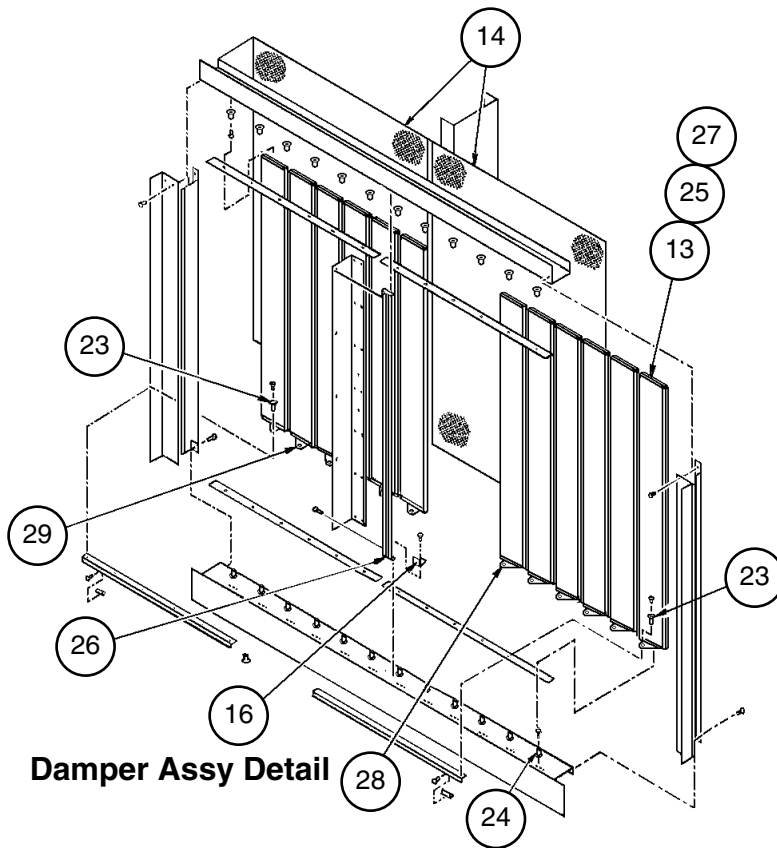
¹ This Damper Assy. includes the Damper, Damper Linkage, and Actuator. For Damper Assy. components see the following page. For COMPLETE Damper Assembly p/ns contact Daikin Applied with model and serial number information so that the correct assembly can be identified.

² This Damper Assy. includes the Damper and Damper Linkage, but NO Actuator. For Damper Assy. components see the following page. For COMPLETE Damper Assembly p/ns contact Daikin Applied with model and serial number information so that the correct assembly can be identified.

Section A- Outdoor/Return Air Section

100% Outside Air Damper Detail w/ ACT3

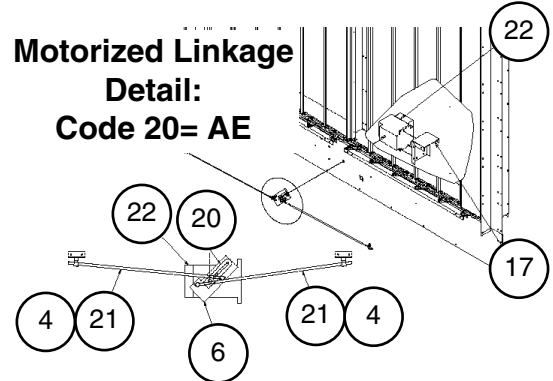
Code 20= AE, AY AND Code 19= YY AND MicroTech, MicroTech II, No Controls ¹



Motorized Linkage

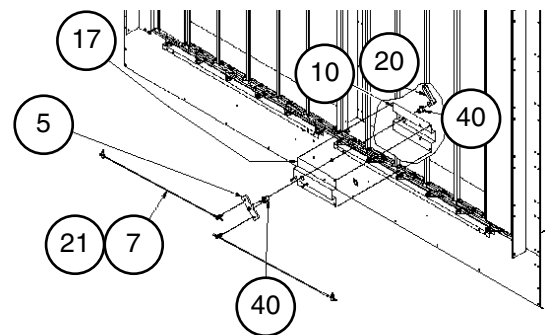
Detail:

Code 20= AE



Manual Linkage Detail:

Code 20= AY



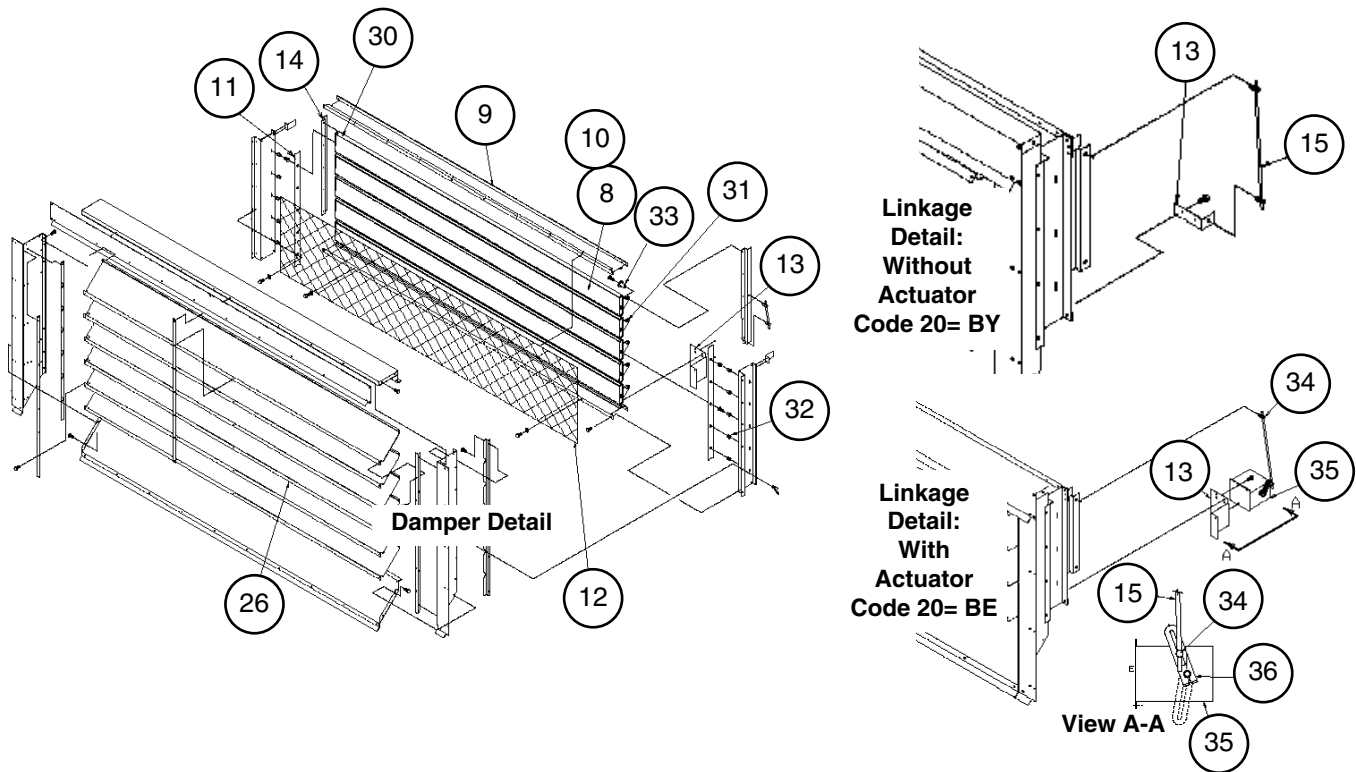
Ref. No.	Part Description	Actuator		Qty.
		C20= AE	C20= AY	
4	Shaft- Linkage	055979701	Not Used	2
5	Shaft Assy	Not Used	056081001	1
6	Adapter Plate- CrankArm	055542001	Not Used	1
7	Shaft- Linkage	Not Used	055536609	2
10	Channel- Support	Not Used	056080601	1
13	Blade- Damper	044195103	044195103	13
14	Grille	055982601	055982601	2
16	Stop/Anti- Rotate- Damper	065779801	065779801	2
17	Support- Damper Motor	055982001	Not Used	1
	Support- Damper	Not Used	056080701	1
20	Crank Arm- Damper	032279200	Not Used	1
	Crank Arm- Adjustable	Not Used	025072600	1
21	Ball Joint- Damper	000887000	000887000	4
22	Actuator- Motorized	059999804	Not Used	1
	ACT3			
23	Bushing- Linkage Bar, Nylon	046098300	046098300	12
24	Bushing- Damper Blade, Nylon	043730400	043730400	24
25	Gasket- Vinyl	044193116	044193116	12
26	Gasket- Vinyl	045655716	045655716	1
27	Plug- Damper End	041003501	041003501	12
28	Plug- Damper End	041003502	041003502	6
29	Plug- Damper End	041003503	041003503	6
40	Bearing- Sleeve	Not Used	047138504	2

¹ For units with MicroTech III controls (Code 12= *E, *F), contact Daikin Applied with model and serial number information so that the the correct part(s) can be identified.

Section A- Outdoor/Return Air Section

0- 30% Outside Air Section w/ ACT3

Code 20= BE, BY AND Code 19= BE, BY, HY



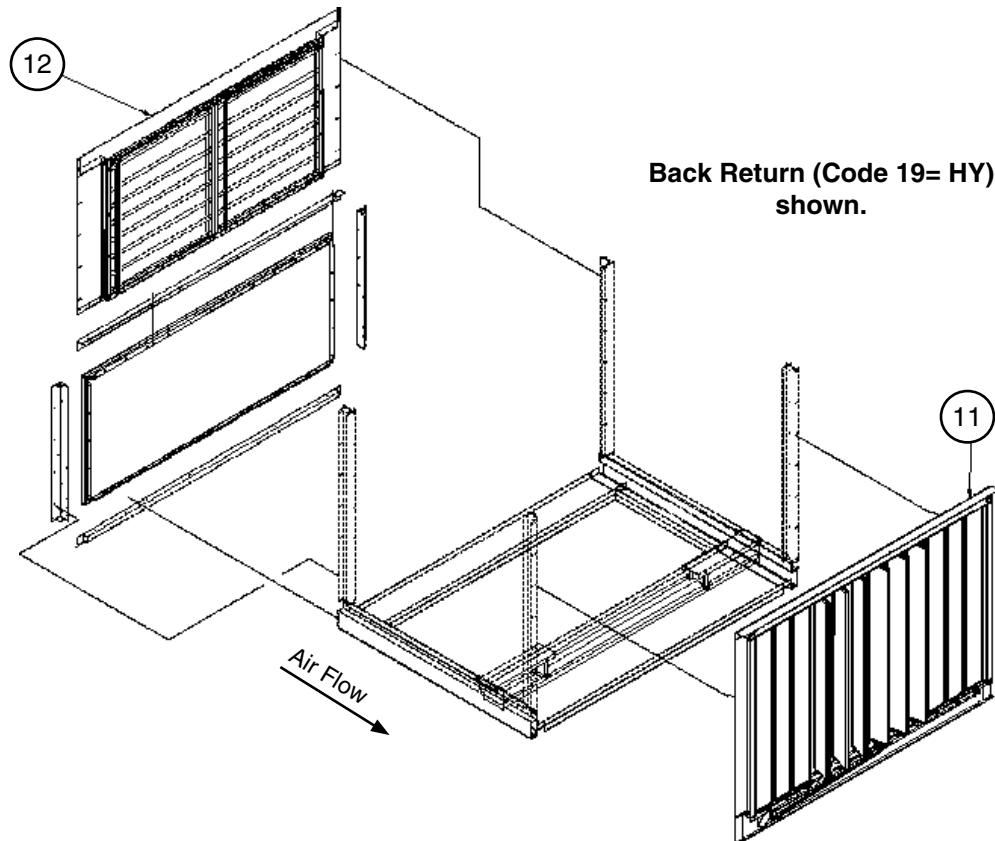
Ref. No.	Part Description	Actuator		Qty.
		C20= BE	C20= BY, HY	
	Damper Assembly- Complete	055608703 ¹	055608702 ²	1
	Damper Assembly	098314001 ³	098314001 ³	1
8	Blade- Damper	044193212	044193212	5
9	Gasket- Vinyl	055940203	055940203	1
10	Gasket- Vinyl	044193124	044193124	5
11	Seal- End	055942501	055942501	2
12	Grille	055942601	055942601	1
13	Support- Motor	055595701	Not Used	1
	Rod- Support Angle	Not Used	055608601	1
14	Bar- Linkage	055942701	055942701	2
15	Shaft- Linkage	055536608	055536608	1
26	Louver	055593202	055593202	6
30	Plug- End	041003505	041003505	5
31	Plug- End	041003506	041003506	5
32	Bushing- Damper Blade	043730400	043730400	10
33	Bushing- Linkage Bar, Nylon	046098300	046098300	10
34	Ball Joint- Damper	000887000	Not Used	2
35	Actuator- Motorized, 120V	ACT3 059999804	Not Used	1
36	Crank Arm- Damper	032279200	Not Used	1

¹ This Damper Assembly includes the Damper, Damper Linkage, and Actuator.

² This Damper Assembly includes the Damper and Damper Linkage, but NO Actuator.

³ Damper only, no Actuator Linkage or Actuator.

Section A- Outdoor/Return Air Section **0- 100% Economizer Section with Barometric Exhaust Damper** **Units w/o Return Air Fans** **Code 20= DE, DY, EE, EY, FE, FY, GE, GY AND Code 21= YYYY**



Ref No.	Part Description	Part Number	Qty.
11	Economizer Damper		
	w/Act.(Code 20= DE, EE, FE, GE)	1	1
	w/o Act. (Code 20= DY, EY, FY, GY)	1	1
12	Exhaust Damper Assy	Until 1/05	
	Powered (Code 20= EE, EY, GE, GY)	2	1
	Barometric (Code 20= DE, DY, FE, FY)	2	1
	Exhaust Damper Assy	1/05 & Later	
	Powered (Code 20= EE, EY, GE, GY)	112040401	1
	Barometric (Code 20= DE, DY, FE, FY)	112039601	1

¹ Economizer parts detail two pages after next. For COMPLETE Damper assemblies contact Daikin Applied with model and serial number information so that the correct assembly can be identified.

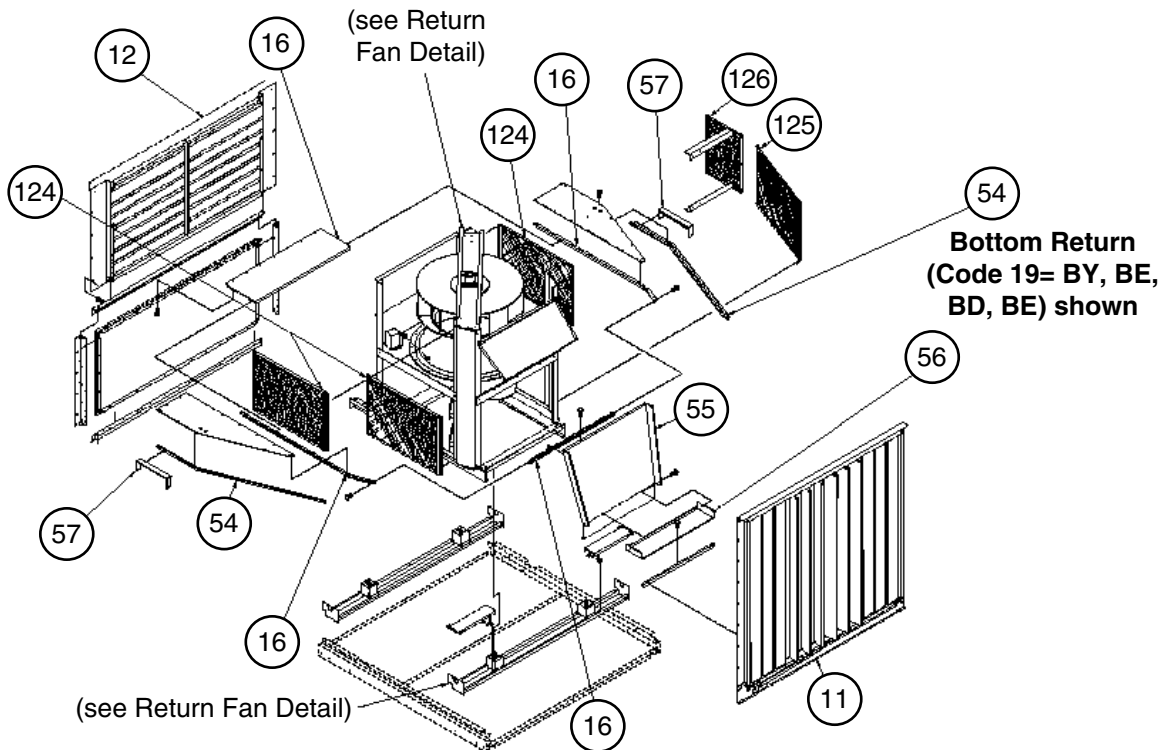
² Powered Exhaust Damper (Until 2/05) detail follows the Economizer Damper detail. For COMPLETE Damper assemblies contact Daikin Applied with model and serial number information so that the correct Assembly can be identified.

Section A- Outdoor/Return Air Section

0- 100% Economizer Section with Barometric Exhaust Damper

Units with 44" Return Air Fans

Code 20= DE, DY, EE, EY, FE, FY, GE, GY AND Code 21= 44B*, 44W*



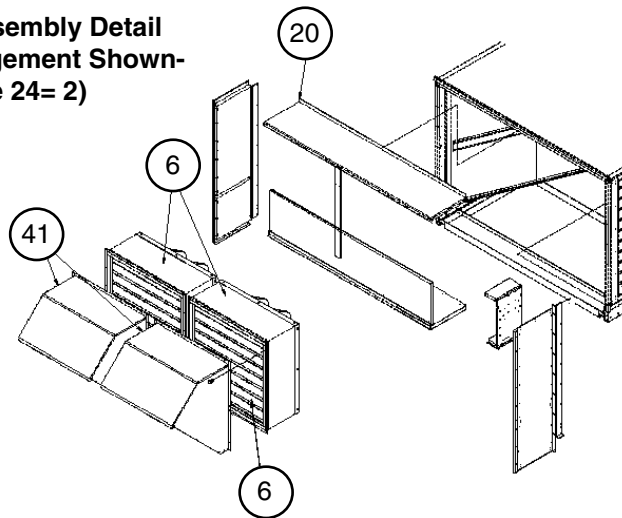
Ref No.	Part Description	Part Number	Qty.
11	Economizer Damper		
	w/Actuator Code 20= DE, EE, FE, GE	1	1
	w/o Actuator Code 20= DY, EY, FY, GY	1	1
12	Exhaust Damper Assy ²		
	Until 1/05		
	Powered Code 20= EE, EY, GE, GY	055929902	1
	Barometric Code 20= DE, DY, FE, FY	055929901	1
	Exhaust Damper Assy 1/05 & Later		
	Powered Code 20= EE, EY, GE, GY	112040401	1
	Barometric Code 20= DE, DY, FE, FY	112039601	1
16	Gasket .125 x 2.00	055582601	20
54	Gasket	055921404	2
55	Gasket	055921415	2
56	Gasket	055921406	2
57	Gasket	055921407	2
124	Fan Guard	055957610	3
125	Fan Guard	055957611	1
126	Fan Guard	055957612	1

¹ Economizer parts detail on page after next. For COMPLETE Damper assemblies contact Daikin Applied with model and serial number information so that the correct assembly can be identified.

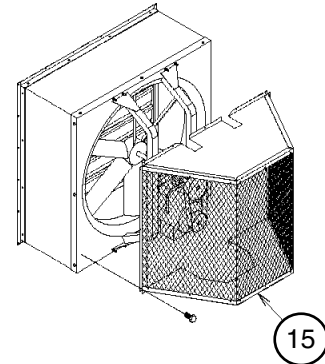
² Powered Exhaust Damper (Until 1/05) detail follows the Economizer Damper detail.

Section A- Outdoor/Return Air Section **0- 100% Economizer Section with Prop Exhaust Fan & Damper** **Code 20= HE, HY, JE, JY AND Code 24= 2, 3**

Section Assembly Detail
-2 Fan Arrangement Shown-
(Code 24= 2)



Fan Guard



Ref. No.	Part Description	Part Number	Qty.
6	Fan Assembly ¹ 208/230/460V	111056601	2
	Fan Assembly ¹ 575V	111056602	2
15	Fan Guard	111181901	1 ³
20	Panel- Weather Hood	111173101	1 ³
41	Hood- Prop Exhaust	111182301	1 ³
	Grille Only- Prop Exhaust Hood	111182101	1 ³

¹ See detail following Isolation Damper Detail.

² Quantity may be two (Code 24= 2) or three (Code 24= 3).

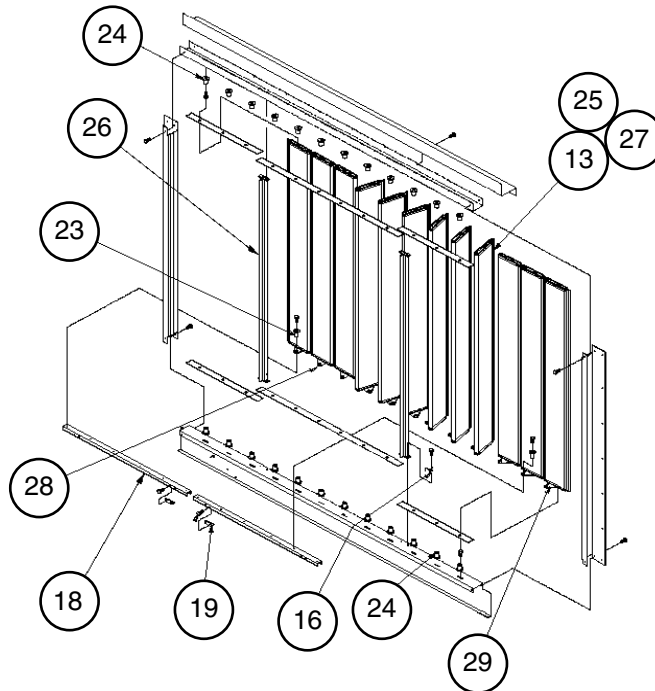
³ Quantity is PER fan.

Section A- Outdoor/Return Air Section

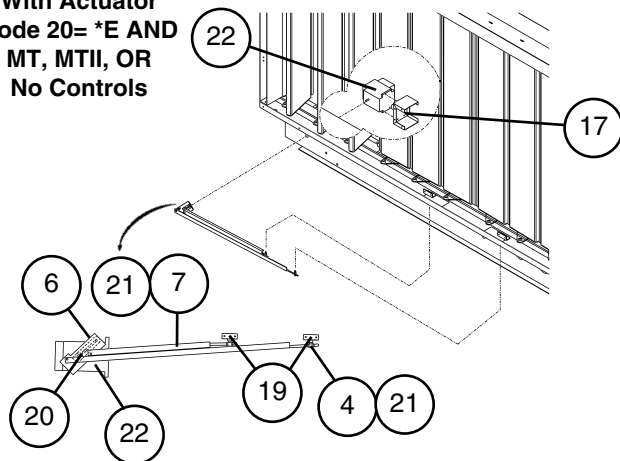
0- 100% Economizer Damper Detail

Code 20= DE, DY, EE, EY, FE, FY, GE, GY, HE, HY, JE, JY

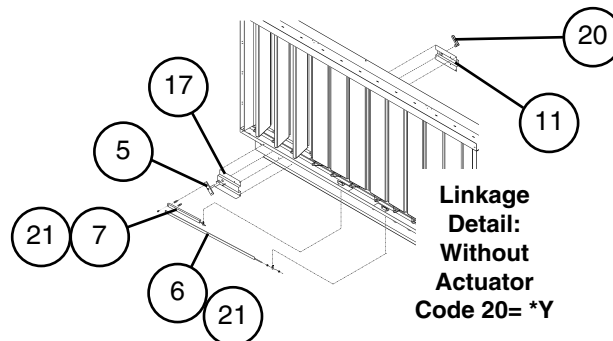
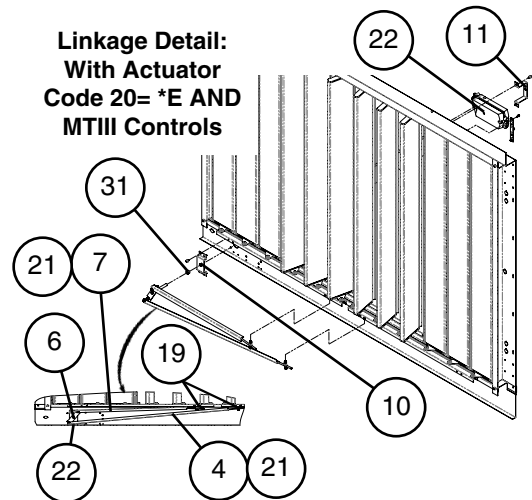
Diagrams



**Linkage Detail:
With Actuator
Code 20= *E AND
MT, MTII, OR
No Controls**



**Linkage Detail:
With Actuator
Code 20= *E AND
MTIII Controls**



**Linkage
Detail:
Without
Actuator
Code 20= *Y**

Section A- Outdoor/Return Air Section

0- 100% Economizer Damper w/ ACT3

Code 20= DE, DY, EE, EY, FE, FY, GE, GY, HE, HY, JE, JY

Components

Ref. No.	Part Description	Actuator		Qty.
		C20= *E	C20= *Y	
	Damper Assy- Complete	¹	²	1
	Damper Assembly	098313301 ³	098313301 ³	1
4	Shaft Assembly	058390001	Not Used	1
5	Shaft Assembly	Not Used	056081001	1
6	Plate- Crank Arm (Code 12= 1M, 2M, 4M, 5M, *D, *S, Y*)	055542001	Not Used	1
	Plate- Crank Arm (Code 12= *E, *F)	066302059	Not Used	1
	Shaft Assembly	Not Used	058390001	1
7	Shaft- Linkage	058389901	058389901	1
10	Bracket Support- Actuator (Code 12= *E, *F)	403630501	Not Used	1
11	Channel- Support (Code 12= *E, *F)	403659701	Not Used	1
	Channel- Support Until 4/01	Not Used	056080601	1
	Channel- Support 4/01 & Later	Not Used	111087501	1
13	Blade- Damper	044195103	044195103	12
16	Stop/Anti-Rotate- Damper	065779801	065779801	4
17	Support- Damper Motor (Code 12= 1M, 2M, 4M, 5M, *D, *S, Y*)	055546601	Not Used	1
	Channel- Support Until 4/01	Not Used	056264501	1
	Channel- Support 4/01 & Later	Not Used	111087502	1
18	Bar- Linkage	044194800	044194800	2
19	Drive Tab- Linkage Bar	044194900	044194900	2
20	Crank Arm- Damper (Code 12= 1M, 2M, 4M, 5M, *D, *S, Y*)	032279200	Not Used	1
	Crank Arm- Adjustable	Not Used	025072600	1
21	Ball Joint- Damper	000887000	000887000	4
22	Actuator- ACT3, 120V ALL Until 10/98	047936105	Not Used	1
	Actuator- ACT3, 120V (C12= 1M, 2M, 4M, 5M, *D, *S, Y*) 10/98 & Later	059999804	Not Used	1
	Actuator- ACT3, 24V (Code 12= *E, *F)	113139501	Not Used	1
23	Bushing- Linkage Bar	046098300	046098300	12
24	Bushing- Damper Blade	043730400	043730400	24
25	Gasket- Vinyl	044193116	044193116	12
26	Gasket- Vinyl	045655716	045655716	2
27	End Plug- Damper	041003501	041003501	12
28	End Plug- Damper	041003502	041003502	6
29	End Plug- Damper	041003503	041003503	6
31	Bearing- Sleeve (Code 12= *E, *F)	047138504	Not Used	2
40	Bearing- Sleeve Until 4/01	Not Used	047138504	2
N/S	Gasket- Neoprene ⁴	056003501	056003501	4

N/S= Not Shown on Diagram.

¹ This Damper Assembly includes the Damper, Damper Linkage, and Actuator. Contact Daikin Applied with model and serial number information so that the correct Damper Assembly can be identified.

² This Damper Assembly includes the Damper and Damper Linkage, but NO Actuator. Contact Daikin Applied with model and serial number information so that the correct Damper Assembly can be identified.

³ Damper only, no Actuator Linkage or Actuator.

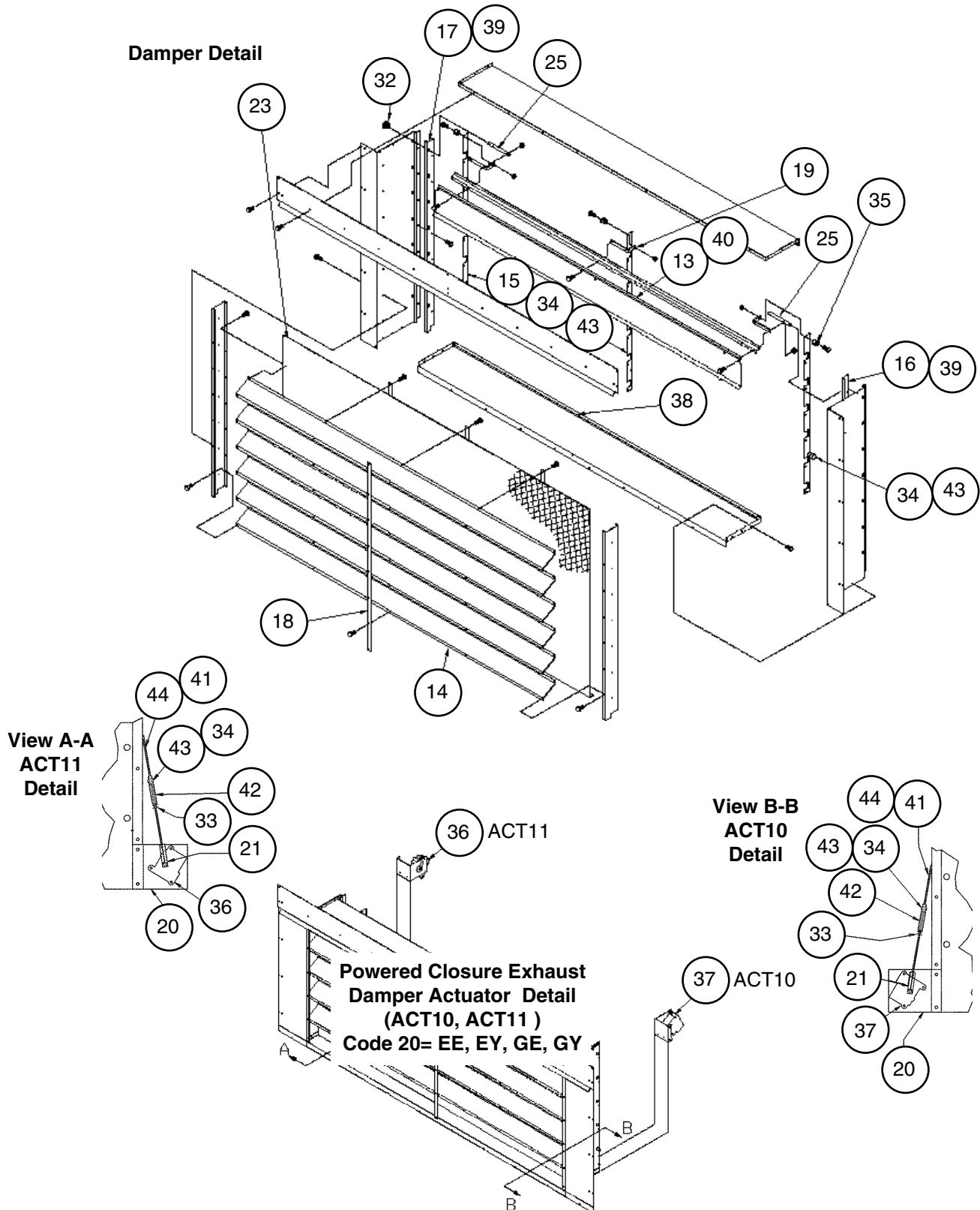
⁴ Applied from outer edge of assembly to inside edge of center support and flush with edge of the bottom channel.

Section A- Outdoor/Return Air Section

0- 100% Economizer Exhaust Damper (Until 1/05)

Code 20= DE, DY, EE, EY, FE, FY, GE, GY w/ACT10, ACT11

Diagrams



Section A- Outdoor/Return Air Section
0- 100% Economizer Exhaust Damper Detail (Until 1/05)
Code 20= DE, DY, EE, EY, FE, FY, GE, GY
Components

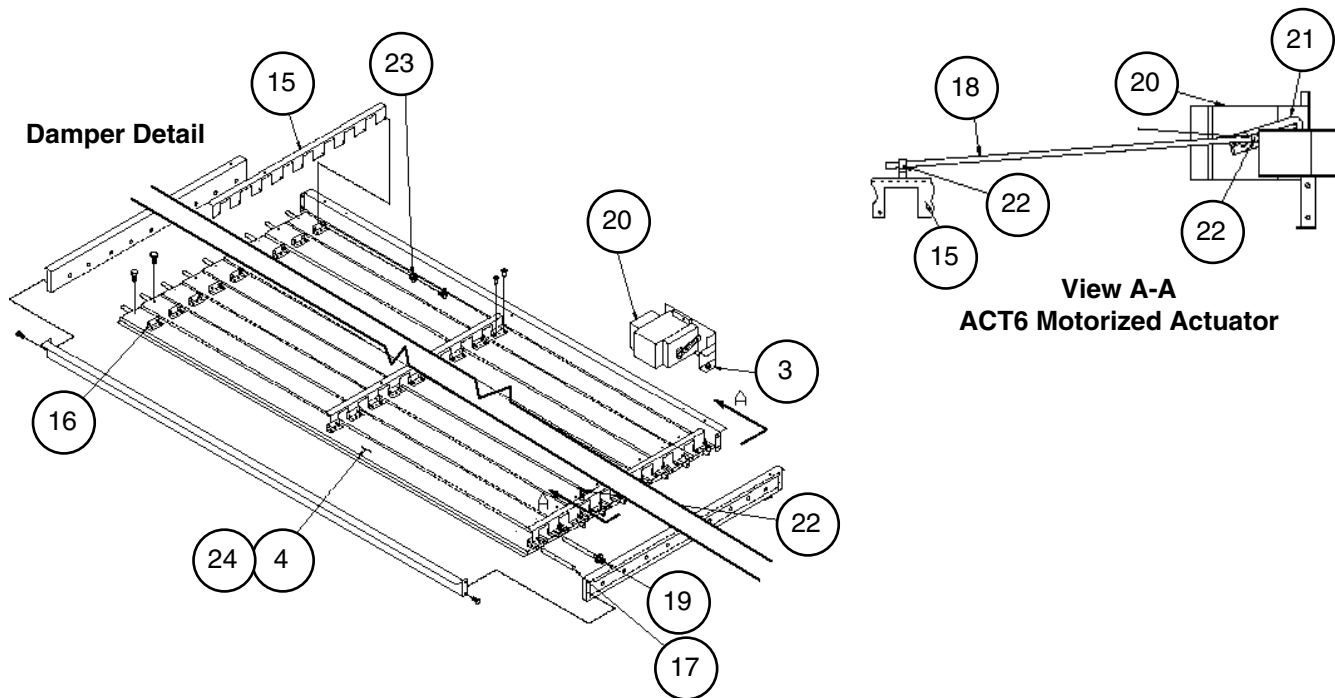
Ref. No.	Part Description	Damper Type		Qty.
		Powered C20= E*, G*	Barometric C20= D*, F*	
	Exhaust Damper Assy	055929902	055929901	1
13	Blade- Exhaust	055925201	055925201	7
14	Louver- Exhaust	055925602	055925602	6
15	Plate- Linkage	055925801	055925801	3
16	Angle- Blade Support	055925301	055925301	1
17	Angle- Blade Support	055925302	055925302	1
18	Strap- Louver	055925703	055925703	1
19	Support- Damper Blade	055549001	055549001	21
20	Panel- Motor Mount Until 2/02	055928402	Not Used	2
	Panel- Motor Mount 2/02 & Later	111263001	Not Used	2
21	Plate- Linkage Until 2/02	055928501	Not Used	2
	Plate- Linkage 2/02 & Later	111263101	Not Used	2
	Ratchet Pin 2/02 & Later	111059301	Not Used	2
23	Grille- Exhaust Damper	055925502	055925502	1
25	Shaft- Damper Blade	055924402	055924402	14
32	Bearing- Flange, Nylon	001113500	001113500	14
33	Fastener- Stud	018619100	Not Used	2
34	Ball Joint- Damper	000887000	000887000	2
35	Bearing- Sleeve	047138507	047138507	21
36	Actuator- Motorized, Opposite Drive Side ACT11			
	Until 2/02	049126401	Not Used	2
	2/02 & Later	111059101	Not Used	2
37	Actuator- Motorized, Drive Side ACT10			
	Until 2/02	049126401	Not Used	2
	2/02 & Later	111059101	Not Used	2
38	Gasket- Vinyl	044193124	044193124	1
39	Gasket- Sponge Rubber	021768949	021768949	2
40	Gasket- Vinyl	055940201	055940201	5
41	Cap- Closure	049025401	Not Used	2
42	Spring- Compression	065497401	Not Used	2
43	Bearing- Sleeve	047138510	Not Used	2
44	Rod- Linkage	056225101	Not Used	2

*= E (powered) OR Y (manual).

Section A- Outdoor/Return Air Section

Return Air Plenum Isolation Damper w/ Actuator ACT6 (Until 12/08) ¹

Code 19= BE

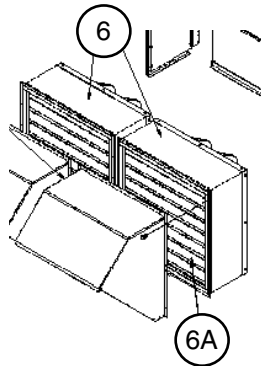


Ref. No.	Part Description	Part Number	Qty.
	Isolation Damper Assy- Motorized	055921126	1
3	Motor Mount Assembly	055921201	1
4	Blade Assembly- Return, 4"	055921302	15
15	Angle- Linkage	055917902	3
16	Angle- Blade	055638102	45
17	Shaft- Damper Blade	055637801	30
18	Shaft- Linkage	055536601	1
19	Bearing- Flange, Nylon	001113500	30
20	Actuator- Motorized, 120V	ACT6 059999804	1
21	Crank Arm- Damper	032279200	1
22	Ball Joint	000887000	2
23	Bearing- Sleeve	047138507	45
24	Gasket- Vinyl	030051985	16

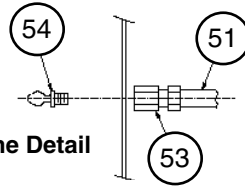
¹ For units built 1/09 & Later contact Daikin Applied with model and serial number information so that the correct Damper Assembly or part(s) can be identified.

Section A- Outdoor/Return Air Section

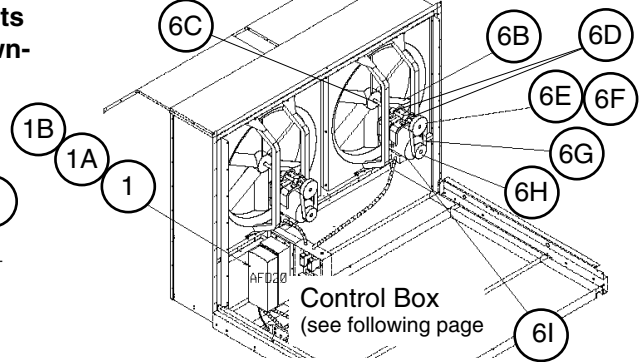
Prop Exhaust Fan, Damper, & Inverter Code 20= HE, HY, JE, JY AND Code 24= 2, 3



Fan Assembly Components
- 2 Fan Arrangement Shown-
Code 24= 2



Lube Line Detail



Control Box
(see following page)

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	AFD20	Inverter see charts below					
1A		Resistor- Inverter	044690105	1	1	1	1
1B		Jumper- Inverter ¹	055719731	3	3	3	3
6		Fan Assembly- Complete	111056601				
		Fan Assembly- Complete	111056602				
6A		Damper- Backdraft					
6B		Fan Prop- 36"	300044027	1 ⁴	1 ⁴	1 ⁴	1 ⁴
6C		Fan Shaft	300044028	1 ⁴	1 ⁴	1 ⁴	1 ⁴
6D		Bearing	300044029	2 ⁴	2 ⁴	2 ⁴	2 ⁴
6E		Fan Sheave	019291400	1 ⁴	1 ⁴	1 ⁴	1 ⁴
6F		Bushing- Fan Sheave	000804000	1 ⁴	1 ⁴	1 ⁴	1 ⁴
6G		Belt	049260805	2 ⁴	2 ⁴	2 ⁴	2 ⁴
6H		Motor Sheave	000607600	1 ⁴	1 ⁴	1 ⁴	1 ⁴
6I		Motor	300046887	1 ⁴	1 ⁴	1 ⁴	
		Motor	300046251				1 ⁴
51		Tube- Plastic ²	020954800	8'	8'	8'	8'
53		Coupling- Tube ² .25 x .125 FPT	021213800	2	2	2	2
54		Fitting- Grease ²	000109800	2	2	2	2

¹ Quantity= 2 when Inverter model 3500 (Code 15= G) is used.

² Quantity shown are for 2 fans. Quantities for 3 fan units: Ref. 51= 32'; Ref. 53= 6; Ref. 54= 6.

³ Contact Daikin Applied.

⁴ Quantity is PER fan.

Inverter- 2 Fan Units (Code 24= 2)

Code 15=	Inverter Model	Part Number	Voltage			
			208V	230V	460V	575V
A	550 10/04 & Later ⁵	099488007	1	1		
	550 10/04 & Later ⁵	099488106			1	
G	3500	098656918	1			
	3500	098656928		1		
	3500	098656905			1	
R	VTAC9	111046870	1	1		
	VTAC9	111046856			1	
S	MD2	193475811	1	1		
	MD2	193475827			1	

Inverter- 3 Fan Units (Code 24= 3)

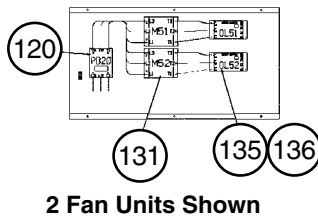
Code 15=	Inverter Model	Part Number	Voltage			
			208V	230V	460V	575V
A	550 10/04 & Later ⁵	099488008	1	1		
	550 10/04 & Later ⁵	099488107			1	
G	3500	098656919	1			
	3500	098656929		1		
	3500	098656906			1	
	3500	098656946				1
R	VTAC9	111046871	1	1		
	VTAC9	111046857			1	
S	MD2	193475812	1	1		
	MD2	193475828			1	

⁵ Model ACH401 ABB brand Inverters used before 10/04 have been discontinued and are no longer available. Replace with the comparable Model 550 p/n shown above. Note that repair parts for Model 401 Inverters are also no longer available. The Keypad Display for Model 550 Inverters is p/n 300040924.

Section A- Outdoor/Return Air Section

Prop Exhaust Fan Control Box

Until 3/05



Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
120	PB20	Power Block	030372705	1	1	1	1
131	M51, 52, 53	Contactors	027514101	3	3	3	3
135	OL51, 52, 53	Overload	1	3	3	3	3
136	-	Heater- Overload	1	9	9	9	9

NOTE: Quantity shown is for a 3 Fan unit (Code 24= 3).

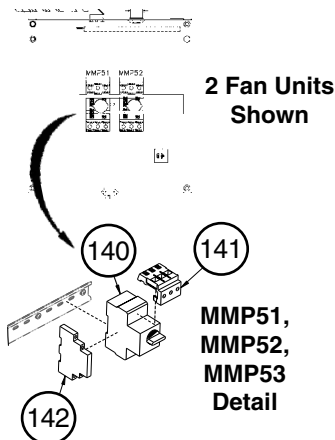
¹ Note that there have been two different series of Overloads and Overload Heaters used during the production run.

When replacing an Overload OR the matching Overload Heater it is VITAL to obtain vendor p/n and amperage rating from BOTH parts.

When replacing ONLY an Overload Heater, it is VERY IMPORTANT to first obtain vendor information and amperage rating from the existing Overload, Overload Heater, and Motor. It is important to obtain this information to ensure that the correct Overload Heater is selected since Overload Heaters are chosen based upon Motor amperage draw, AND Overload Heaters are NOT interchangeable between series. Also, Overload Heaters DO NOT automatically come with Overloads. OVERLOAD HEATERS MUST BE ORDERED SEPARATELY.

Once vendor and amperage information is obtained, contact Daikin Applied for p/ns.

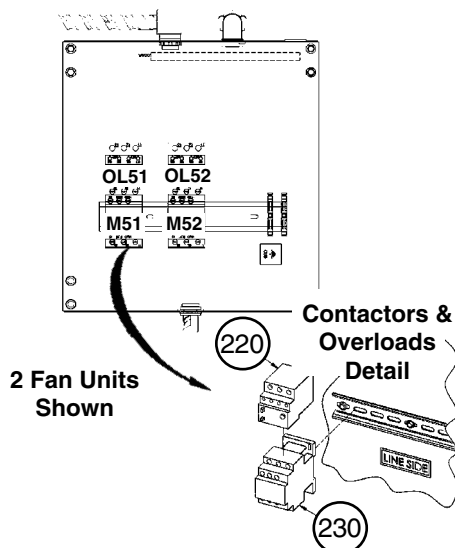
3/05 & to 10/06 ²



Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
140	MMP	MMP- Prop Exh. Motors	349934012	1	1		
	51, 52, 53	MMP- Prop Exh. Motors	349934010			1	
		MMP- Prop Exh. Motors	349934009				1
141		Line Shield	349933001	1	1	1	1
142		Short Circuit Alarm	349933903	1	1	1	1

NOTE: All quantities listed are PER fan.

10/06 to present ²



Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
220	OL51, 52, 53	Overload	349934663	1			
		Overload	349934662		1		
		Overload	349934660			1	
		Overload	349934659				1
230	M51, 52, 53	Contactors	349932123	1	1		
		Contactors	349932121			1	1

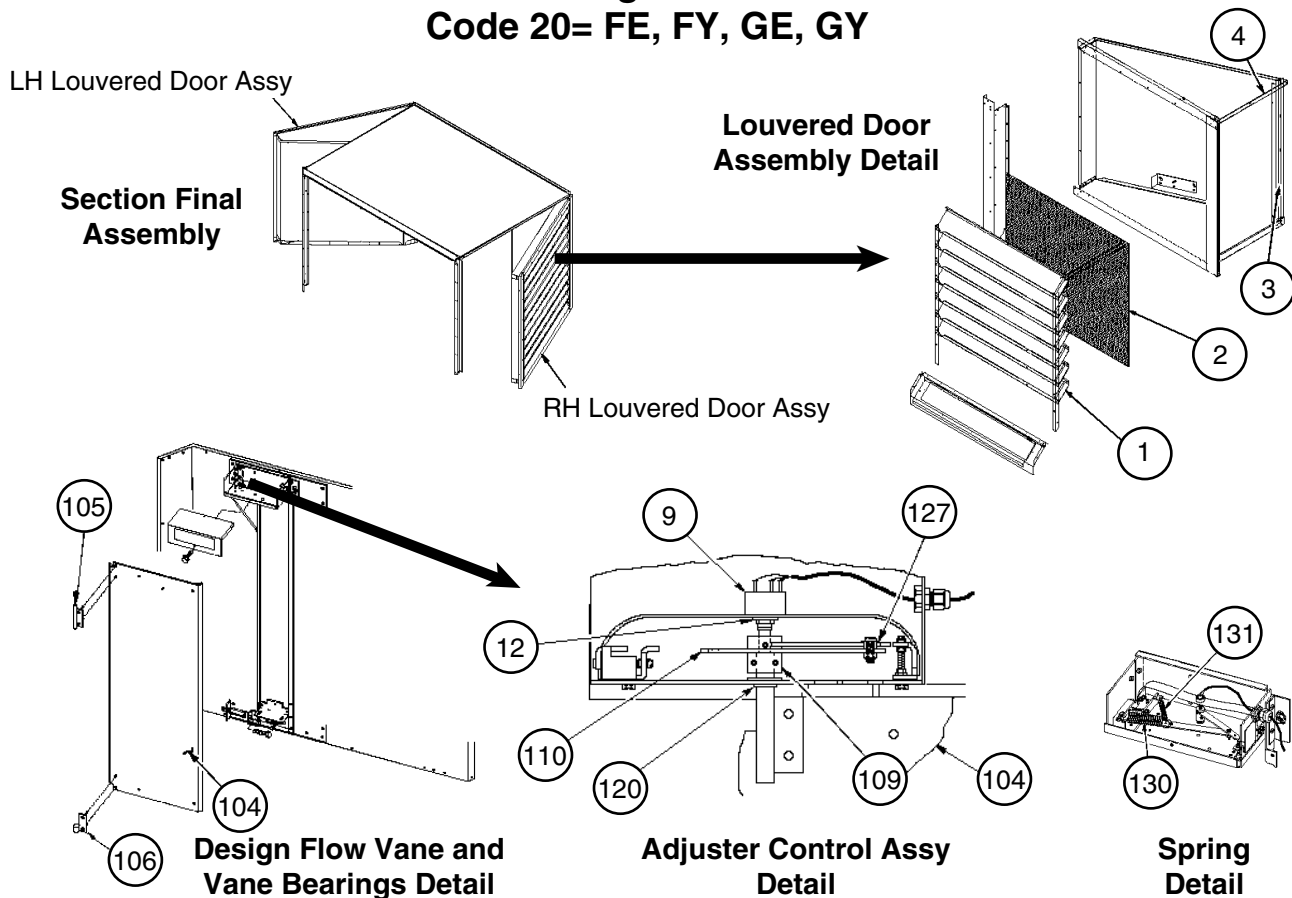
NOTE: All quantities listed are PER fan.

² Units built between 10/06 and 12/06 may have either group of components installed. If unsure, contact Daikin Applied to verify.

Section A- Outdoor/Return Air Section

Design Flow

Code 20= FE, FY, GE, GY



Ref No.	Part Description	Part Number	Qty. ¹
1	Louver Panel Left Hand Door	059595204	15
	Louver Panel Right Hand Door	059595203	15
2	Grille	055541401	2
3	Gasket	055921403	1
4	Gasket	055921401	1
9	Potentiometer	098663701	1
12	O'Ring- Potentiometer	098663801	1
104	Panel- Vane	098661803	1
105	Shaft- Upper	098662601	1
106	Bearing- Lower	091634501	1
109	Crank Arm Assy Left Hand Door	091658802	1
	Crank Arm Assy Right Hand Door	091658801	1
110	Link Arm	²	1
120	Bearing	060014201	1
127	Bearing	047138535	1
130	Spring- Main	098664701	1
131	Spring- Secondary	098664901	1
N/S	Leveling Kit- Design Flow	091659301	1

N/S= Not shown on diagram.

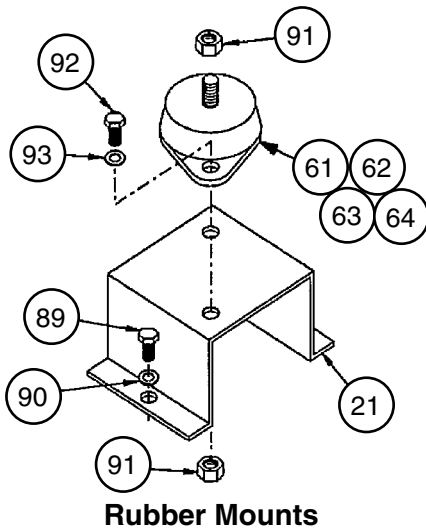
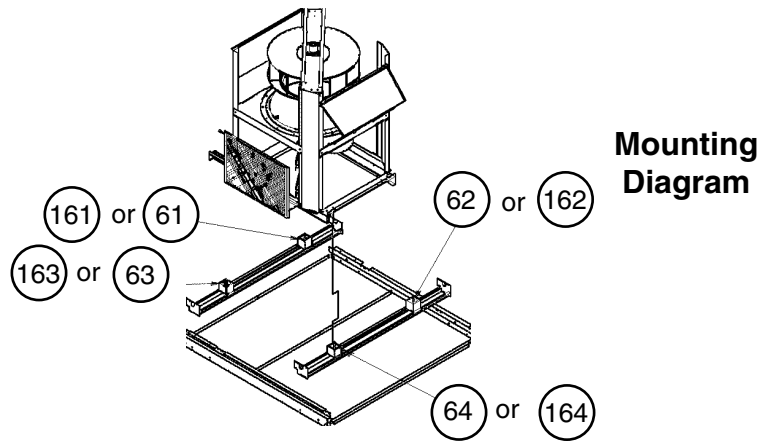
¹ Quantity is PER door.

² P/N is unit specific. Contact Daikin Applied with overall length and bolt hole spacing so that the correct part can be identified.

Section A- Outdoor/Return Air Section

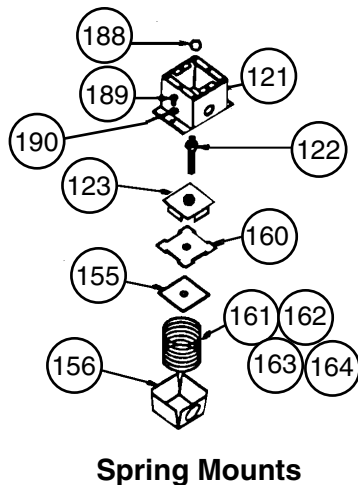
Return Air Fan- Fan Mounts

Until 11/04



Rubber Mounts (Code 21= 44B1, 44W1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support	055512101	4
61	5- 40	Rubber Mount- Red	021639701	1
	50, 60	Rubber Mount- Black	021639704	1
62	5- 40	Rubber Mount- Red	021639701	1
	50, 60	Rubber Mount- Black	021639704	1
63	All	Rubber Mount- Red	021639701	1
64	All	Rubber Mount- Red	021639701	1
89	All	Screw- Cap, 3/8-16 X 1"	048878118	8
90	All	Washer- Lock, 3/8"	048164812	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8
93	All	Washer- Plain, 1/2"	040500310	8



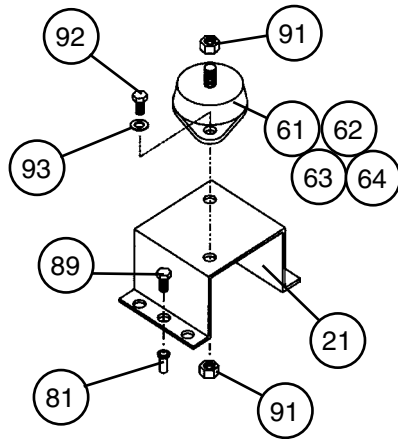
Spring Mounts (Code 21= 44B2, 44B3, 44W2, 44W3)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Support Assembly	055606901	4
122	All	Screw Adjust Assembly	055528201	4
123	All	Channel Assembly	055606801	4
155	All	Plate- Gasket Retainer	055502101	4
156	All	Support- Spring Locator	055502201	4
160	All	Pad- Rubber Vibration	048447901	4
161	5- 30	Mount- Spring, Red	048448503	1
	40- 60	Mount- Spring, Green	048448504	1
162	5- 30	Mount- Spring, Red	048448503	1
	40- 60	Mount- Spring, Green	048448504	1
163	All	Mount- Spring, Red	048448503	1
164	All	Mount- Spring, Red	048448503	1
188	All	Nut- 5/8-11	040500002	4
189	All	Screw- Cap, 3/8-16 X 1"	048878118	12
190	All	Washer- Lock, 3/8"	048164812	8
N/S	All	Screw- Tapping, 1/4-20	046093809	8

Section A- Outdoor/Return Air Section

Return Air Fan- Fan Mounts

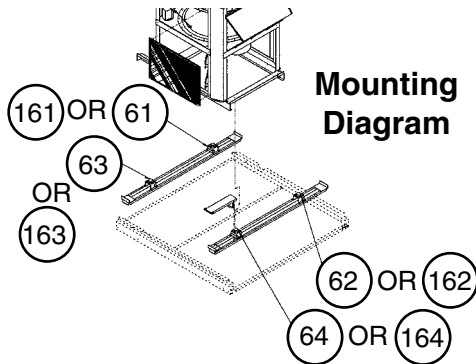
11/04 & Later



Rubber Mounts

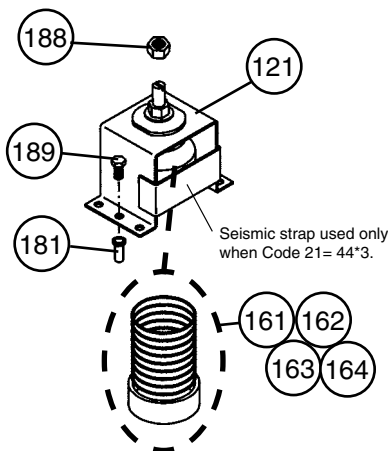
Rubber Mounts (Code 21= 44B1, 44W1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support	055512101	4
61	5- 40	Rubber Mount- Red	021639701	1
	50, 60	Rubber Mount- Black	021639704	1
62	5- 40	Rubber Mount- Red	021639701	1
	50, 60	Rubber Mount- Black	021639704	1
63	All	Rubber Mount- Red	021639701	1
64	All	Rubber Mount- Red	021639701	1
81	All	Nut	059992201	8
89	All	Screw	112047201	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8
93	All	Washer- Plain, 1/2"	040500310	8



Mounting Diagram

Spring Mounts (Code 21= 44*2) & Seismic Spring (44*3)

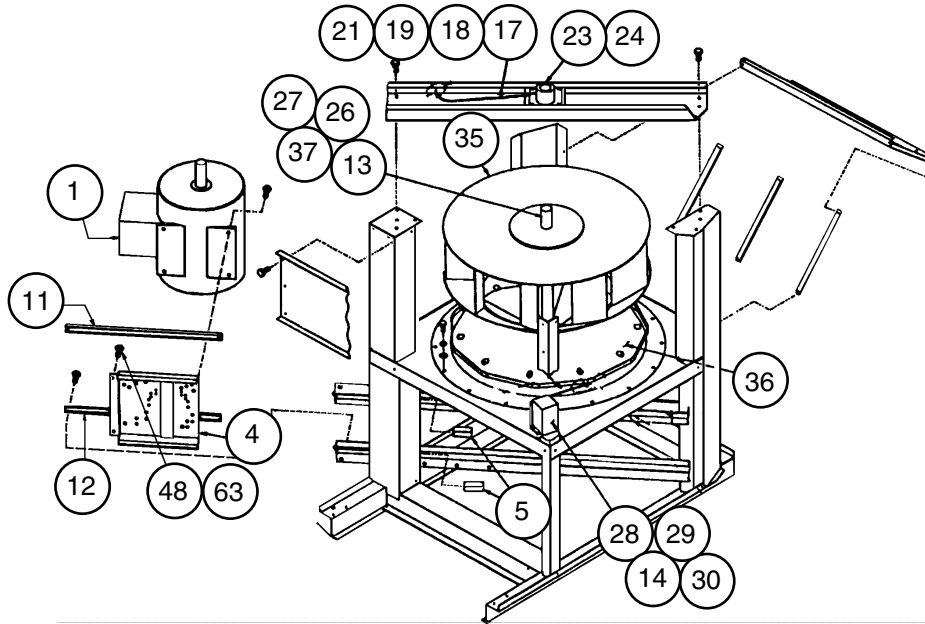


Spring Mounts

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Mount		
		Spring (C21= 44*2)	251783201	4
		Seismic (C21= 44*3)	251783301	4
161	5- 10	Spring Mount- Brown	251784801	1
	15- 30	Spring Mount- Red	251784901	1
	40- 60	Spring Mount- Red/Black	251785001	1
162	5- 10	Spring Mount- Brown	251784801	1
	15- 60	Spring Mount- Red	251784901	1
163	5- 10	Spring Mount- Brown	251784801	1
	15- 30	Spring Mount- Red	251784901	1
	40- 60	Spring Mount- Red/Black	251785001	1
164	5- 10	Spring Mount- Brown	251784801	1
	15- 60	Spring Mount- Red	251784901	1
181	All	Nut		
		Spring (C21= 44*2)	059992201	12
		Seismic (C21= 44*3)	111056301	20
188	All	Nut	040500002	4
189	All	Screw		
		Spring (C21= 44*2)	112047201	12
		Seismic (C21= 44*3)	112047201	20

Section A- Outdoor/Return Air Section

Return Air Fan (Code 21= 44B*, 44W*)



Ref. No.	Motor HP	Part Description	No VIV C21= 44B*	With VIV C21= 44W*	Qty.
1		Motor see table on following page			
4	All	Mount- Motor	056234101	056234101	1
5	All	Channel Assembly	056234201	056234201	1
11	All	Clamp- Motor Channel until 11/02	056230201	056230201	1
	All	Clamp- Motor Channel 11/02 & Later	056230203	056230203	1
12	All	Clamp- Motor Channel until 11/02	056230202	056230202	1
	All	Clamp- Motor Channel 11/02 & Later	056230203	056230203	1
13	All	Shaft- Fan 2.438" dia.	056255103	056255103	1
14	All	Linkage- Shaft	Not Used	055536608	2
17	All	Tubing- Plastic	021136745	021136745	2
18	All	Coupling Until 12/04	021213700	021213700	2
	All	Coupling 12/04 & Later	027674000	027674000	2
19	All	Coupling	021213800	021213800	2
21	All	Fitting- Grease 1/8" MPS	000109800	000109800	2
23	All	Bearing, Ball Flange- 2.437" Opposite Drive End	020649905	020649905	1
24	All	Bearing, Roller- 2.437" Drive End	049547014	049547014	1
26	All	Key- Wheel 5/8" X 6 1/2"	023221610	023221610	1
27	All	Key- Fan Sheave 5/8" x 5 1/2"	023221607	023221607	1
28	5- 20	Actuator ACT2	Not Used	059999801	1
	25- 60	Actuator ACT2	Not Used	059999802	1
29	All	Crank Arm- Damper	Not Used	032279200	1
30	All	Ball Joint	Not Used	000887000	2
35	All	Wheel- SISW until 6/00	093413720	093413720	1
	All	Wheel- SISW 6/00 & Later	111041201	111041201	1
36	All	Control- Fan Vane until 6/00	Not Used	048447007	1
	All	Control- Fan Vane 6/00 & Later	Not Used	110941910	1
36	All	Funnel- Inlet until 6/00	092045214	Not Used	1
	All	Funnel- Inlet 6/00 & Later	110941810	Not Used	1
37	All	Lock Collar 2.437"	049115912	049115912	1
48	All	Lock Washer	048164814	048164814	2
63	All	Cap Screw	040499501	040499501	2

* Mounting type 1= RIS, 2= Spring, 3= Spring w/ seismic snubbers.

Section A- Outdoor/Return Air Section

Return Air Fan Motors ¹

H.P.	Motor HP C22=*Y	Unit Voltage	ODP HiEff C22= *EY	ODP PrEff. C22= *JY	TEFC HiEff C22= *HY	TEFC PrEff C22= *KY
		C09= 12				
5	J*Y	208/60/3	039447600	065817200	049186800	065819500
7.5	K*Y	208/60/3	037530300	065817300	047665900	065819600
10	L*Y	208/60/3	038999000	065817400	047666100	065819700
15	M*Y	208/60/3	039896200	065817500	049186900	065819800
20	N*Y	208/60/3	039895800	065817600	049187000	065819900
25	P*Y	208/60/3	039448900	065817700	049187100	065820000
30	Q*Y	208/60/3	041775200	205066500	049187200	205066800
40	R*Y	208/60/3	041775300	205067100	049187300	205070700
50	S*Y	208/60/3	041775400	205067500	049187400	205091600
60	T*Y	208/60/3	041775800	205067700	049187500	²
		C09= 29				
5	J*Y	230/60/3	039442500	065818200	040161200	065820200
7.5	K*Y	230/60/3	039448700	065818300	049100500	065820300
10	L*Y	230/60/3	039446500	065818400	044691100	065820400
15	M*Y	230/60/3	039446600	065818500	038689700	065820500
20	N*Y	230/60/3	039448800	065818600	040161300	065820600
25	P*Y	230/60/3	039896100	065818700	040161400	065820700
30	Q*Y	230/60/3	040626800	205066600	049025300	205066900
40	R*Y	230/60/3	041770000	205067200	048448000	205069200
50	S*Y	230/60/3	039899200	205067600	040161600	205069400
60	T*Y	230/60/3	041775500	065819100	046748300	205069600
		C09= 27				
5	J*Y	460/60/3	039442500	065818200	040161200	065820200
7.5	K*Y	460/60/3	039448700	065818300	049100500	065820300
10	L*Y	460/60/3	039446500	065818400	044691100	065820400
15	M*Y	460/60/3	039446600	065818500	038689700	065820500
20	N*Y	460/60/3	039448800	065818600	040161300	065820600
25	P*Y	460/60/3	039896100	065818700	040161400	065820700
30	Q*Y	460/60/3	040626800	205066600	049025300	205066900
40	R*Y	460/60/3	041770000	205067200	048448000	205069200
50	S*Y	460/60/3	039899200	205067600	040161600	205069400
60	T*Y	460/60/3	041775500	065819100	046748300	205069600
		C09= 37				
5	J*Y	575/60/3	046741900	205168900	049188400	046514600
7.5	K*Y	575/60/3	047443300	205168800	049188500	046514700
10	L*Y	575/60/3	047443400	205168600	049188600	065821400
15	M*Y	575/60/3	047443500	205166600	049185200	065821500
20	N*Y	575/60/3	049181100	205166800	049188700	065821600
25	P*Y	575/60/3	049181200	205166900	049188800	065821700
30	Q*Y	575/60/3	049181300	205066700	049188900	205067000
40	R*Y	575/60/3	049181400	205067300	049189000	205069300
50	S*Y	575/60/3	049181500	205091800	049189100	205069500
60	T*Y	575/60/3	049181600	205069000	049189200	205069800

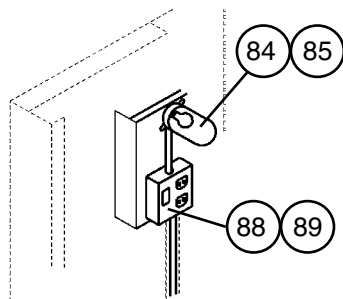
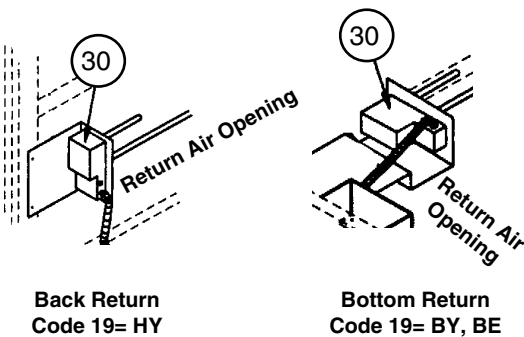
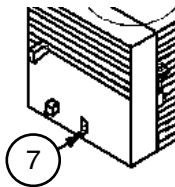
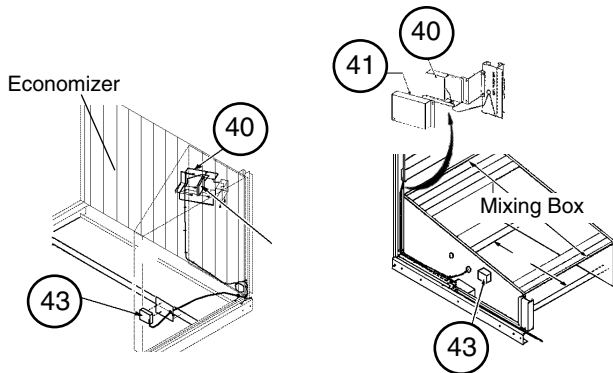
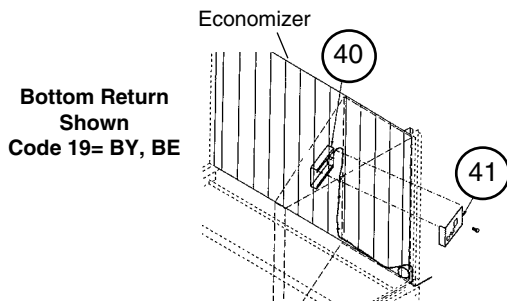
¹ All motors listed are Across-The-Line start (Code 10= AL, PW). There are a small number of units that have Part-Winding start motors (Code 10= PP, PS). These units have motors 15HP and greater and are 208V or 230V only. Contact Daikin Applied if a PW replacement motor is needed. Note that Standard Efficiency Motors (Code 22= *AY, *GY) are no longer available. Use High (HiEff.) or Premium Efficiency (PrEff.) instead.

² 60 HP motors are not available in 208/230V (Code 09= 12, 29).

Section A- Outdoor/Return Air Section

Section Mounted Controls

OAE, RAE, RAT, SD2, LT11, S11, REC11



OAE- Mechanical Enthalpy (Code 17= Y*)

Ref No.	Part Description	Part Number	Qty.
40	Mount- OAE Enthalpy	055800101	1
41	Enthalpy Assembly		
	(Knob & Control)	055740691	1
	Knob only	026215500	1
	Control- OAE only	030706702	1

OAE & RAE Differential Enthalpy (Code 17= C*)

Ref No.	Part Description	Part Number	Qty.
40	Mount- OAE Enthalpy		
	Economizer Units	059328901	1
	Mixing Box Units	055800301	
41	Control- OAE	049262201	1
43	Control- RAE	049262202	1

RAT- Return Air Temperature Sensor

Ref No.	Part Description	Part Number	Qty.
7	Sensor- RAT		
	MicroTech Controls	065829505	1
	MicroTech II Controls	060004705	1
	MicroTech III Controls	193414602	1

SD2- Return Air Smoke Detector

Code 16= 1, 3

Ref No.	Part Description	Part Number	Qty.
30	Smoke Detector SD2	098873101 ¹	1

¹ The original Smoke Detector for units built 2003 & Earlier is no longer available. When replacing any version of SD2, reuse existing Sampling Tubes or order 1pc. 098873101 for Standard Discharge or 2pc. of 098873501 for Side or Top Discharge. Minor field modifications may be required for proper installation.

LT11- Return Fan Light/S11- Return Fan Light Switch/REC11- Return Fan Light Receptacle

Code 49= E, F

Ref No.	Part Description	Part Number	Qty.
84	Light Fixture	042229500	1
85	Bulb- LT11	065492402	1
88	Light Switch- S11	065492201	1
89	Receptacle- REC11	030187000	1

Section B- Draw-Thru Filter/Blank Section

Notes



Primary Codes that pertain: 25

Additional Codes that pertain: 06, 19, 20

Code 25 determines all of the section characteristics. If the first digit of Code 25= A,D, E the Filters are in an angular rack; if the first digit= F, G, H the Filters are in a flat rack; if the first digit= S, T, V the Filters are in a staggered rack; if the first digit is L the Filters are in a large staggered rack; and If the first digit= B, C there is a Blank/empty Section. If the second digit= Y Filters were not factory supplied; if the second digit= A there are throwaway Filters; if the second digit= B there are 30% eff. Filters; and if the second digit= C there are 30% eff. Filters with antimicrobial Intersept. If the second digit= D there are 65% eff. Filters; if the second digit= E there are 95% eff. Filters; and if the second digit= G there are 95% eff. Filters with antimicrobial Intersept.

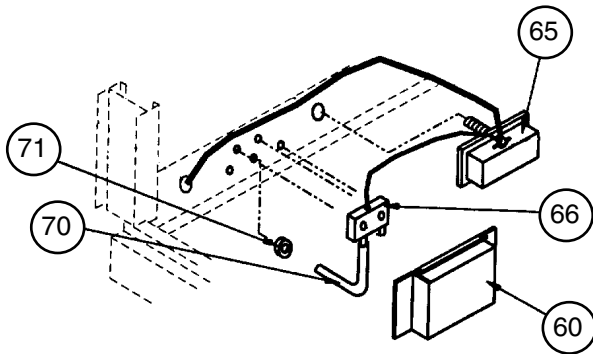
Code 06 determines the final assembly panel part numbers. **For sheet metal components that make up the Draw-Thru Filter/Blank Access Section, contact Daikin Applied with model and serial number information to ensure that the correct liners, insulation and hardware are ordered.**

Codes 19 and 20 determine the Return Air section which has an effect on the final assembly panels.

Section B- Draw-Thru Filter/Blank Section

Section Mounted Controls

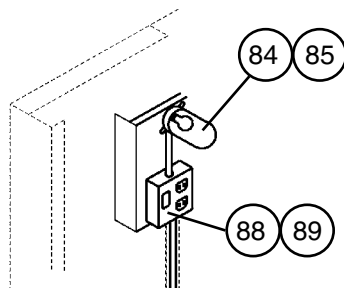
PC5- Clogged Filter Control and SPS5- Clogged Filter Static Pressure Sensor



Controls PC5 and SPS5

Ref. No.	Part Description	Part Number	Qty.
60	Cover ¹	055732501	1
65	PC5 Pressure Ctl	065493801	1
66	SPS5 Transducer ¹	049545005	1
70	Plastic Tube ¹	049095104	1
71	Grommet ¹	004910100	1

¹ MicroTech controls (Code 12= 1M, 2M, 4M, 5M) only.

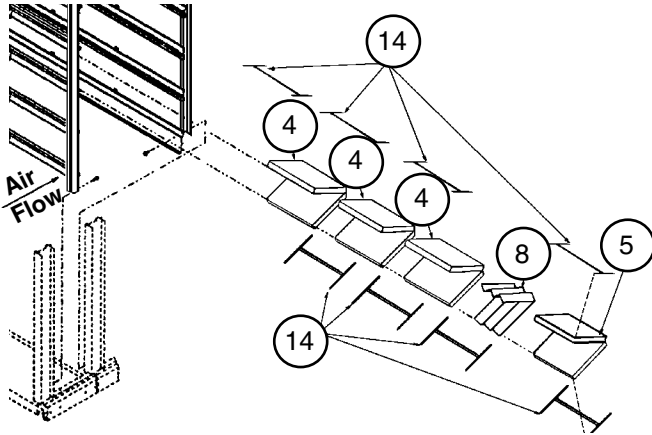


LT13- Filter Section Light/S13- Filter Section
Light Switch/REC13- Filter Section Receptacle

Ref No.	Part Description	Part Number	Qty.
84	Light Fixture	055737501	1
85	Bulb- LT13	065492402	1
88	Light Switch- S13	065492201	1
89	Receptacle- REC13	030187000	1

Section B- Draw-Thru Filter/Blank Section Filters

Angular Filter Rack- Code 25= AA, AB, AC, DB, DC, EB, EC



Ref. No.	Part Description	Code 25=	Part Number	Qty.
4	Filter- Throwaway ¹	AA	000016100	33
	Filter- 30% Eff. Throwaway ¹	*B	031298002	33
	Filter- 30% Eff w/Intersept ¹	*C	111046306	33
5	Filter- Throwaway ²	AA	000011700	11
	Filter- 30% Eff. Throwaway ²	*B	031298001	11
	Filter- 30% Eff w/Intersept ²	*C	111046305	11
8	Stop, Filter		011484101	11
14	Angle Assembly ³		056077301	33

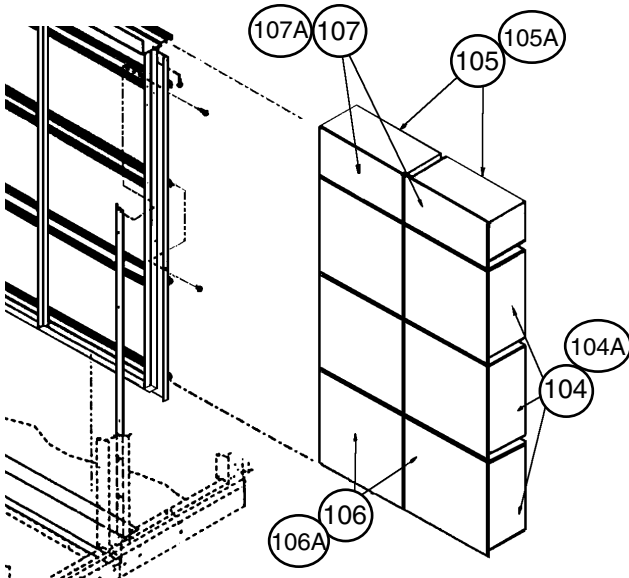
* First digit of code, may be A, D, E.

¹ Filter size= 16 x 25 x 2.

² Filter size= 16 x 20 x 2.

³ Optional- angle is mounted on leaving air side.

Flat Filter Rack- Code 25= FD, FE, FG, GD, GE, GG, HD, HE, HG



Ref. No.	Part Description	Code 25=	Part Number	Qty.
104	Filter- 65% Eff. Cartridge ⁴	*D	065810704	12
	Filter- 95% Eff Cartridge ⁴	*E	065810702	12
104A	Gasket- Filter		021768924	12
105	Filter- 65% Eff. Cartridge ⁵	*D	065810703	4
	Filter- 95% Eff Cartridge ⁵	*E	065810701	4
105A	Gasket- Filter		021768912	4
106	Pre Filter ⁶	*D or *E		
	until 3/02		031298006	12
	3/02 & Later		111046101	12
106A	Gasket- Pre Filter		111051900	24ft
107	Pre Filter ⁷	*D or *E		
	until 3/02		031298005	4
	3/02 & Later		111046103	4
107A	Gasket- Pre Filter		111051900	8 ft

* First digit of code, may be F, G, H.

⁴ Filter size= 24 x 24 x 12.

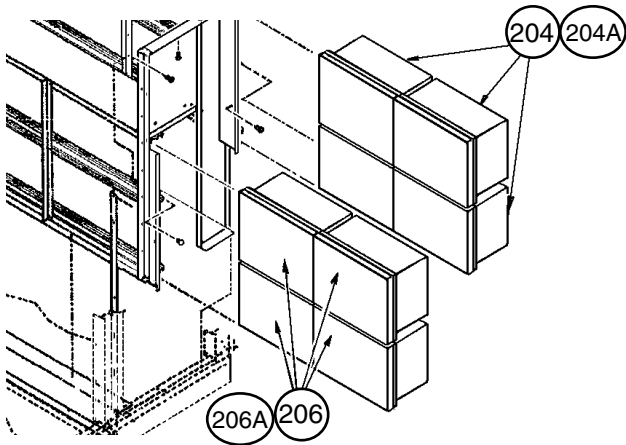
⁵ Filter size= 12 x 24 x 12.

⁶ Filter size= 24 x 24 x 2.

⁷ Filter size= 12 x 24 x 2.

Section B- Draw-Thru Filter/Blank Section Filters, Continued

Staggered Filter Rack- Code 25= SD, SE, SG, TD, TE, TG, VD, VE, VG



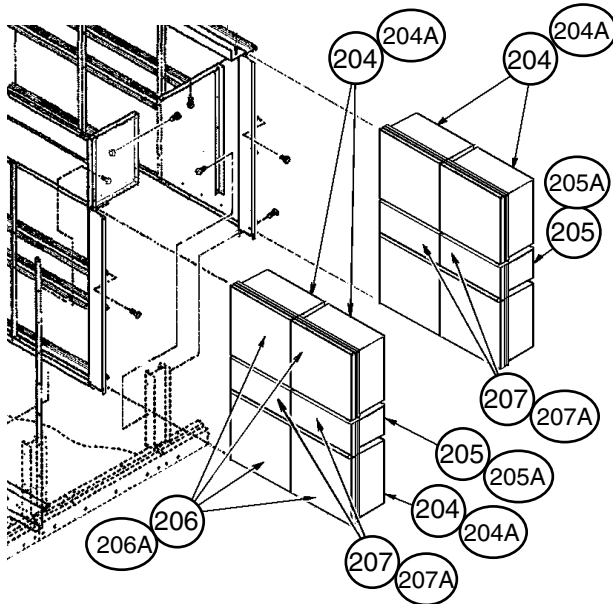
Ref. No.	Part Description	Code 25=	Part Number	Qty.
204	Filter- 65% Eff. Cartridge ¹	*D	065810704	16
	Filter- 95% Eff Cartridge ¹	*E	065810702	16
204A	Gasket- Filter		021768924	16
206	Pre Filter ²	*D or *E		
	until 3/02		031298006	16
	3/02 & Later		111046101	16
206A	Gasket- Pre Filter		111051900	32ft

* First digit of code, may be S, T, V.

¹ Filter size= 24 x 24 x 12.

² Filter size= 24 x 24 x 2.

Large Staggered Filter Rack- Code 25= LD, LE, LG



Ref. No.	Part Description	Code 25=	Part Number	Qty.
204	Filter- 65% Eff. Cartridge ³	LD	065810704	16
	Filter- 95% Eff Cartridge ³	LE	065810702	16
204A	Gasket- Filter		021768924	16
205	Filter- 65% Eff. Cartridge ⁴	LD	065810703	8
	Filter- 95% Eff Cartridge ⁴	LE	065810701	8
205A	Gasket- Filter		021768912	8
206	Pre Filter ⁵	LD/LE		
	until 3/02		031298006	16
	3/02 & Later		111046101	16
206A	Gasket- Pre Filter		111051900	32ft
207	Pre Filter ⁶	LD/LE		
	until 3/02		031298005	8
	3/02 & Later		111046103	8
207A	Gasket- Pre Filter		111051900	16ft

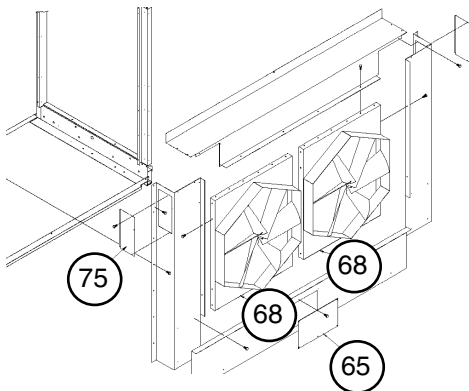
³ Filter size= 24 x 24 x 12.

⁴ Filter size= 12 x 24 x 12.

⁵ Filter size= 24 x 24 x 2.

⁶ Filter size= 12 x 24 x 2.

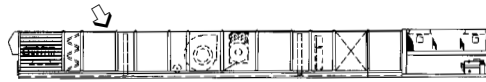
**Air Blender Section Parts
(Code 25= EE, EC, HD, HE, HG, VD, VE, VG)**



Ref. No.	Part Description	Part Number	Qty.
65	Panel- Access	251802801	2
68	Air Blender	205139546	2
75	Plate- Economizer Linkage Access	059384601	1

Section C- Draw-Thru Blank Access Section OR Separate Inverter Section

Notes

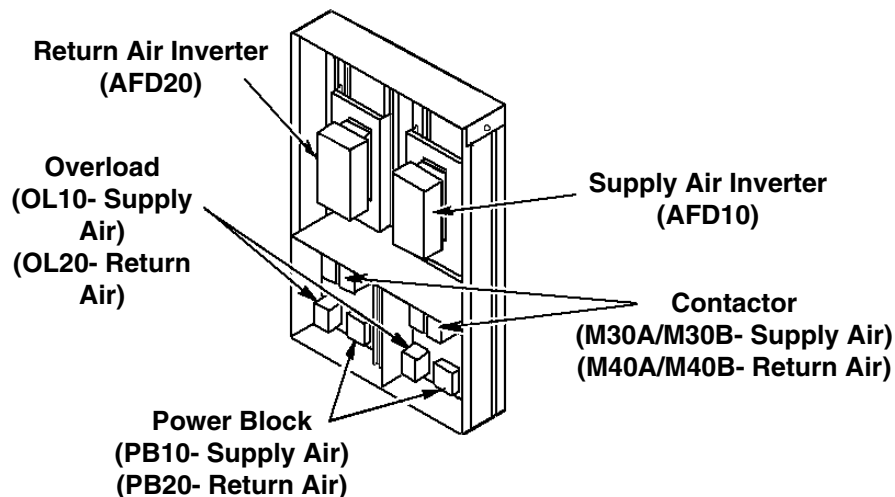


Primary Codes that pertain: 26, 14, 15
Additional Codes that pertain: 06

Code 26 determines if a section is installed and if so, the size of the section. If Code 26= S there is a 48" Blank/empty Section. If Code 26= Y, there is no section.

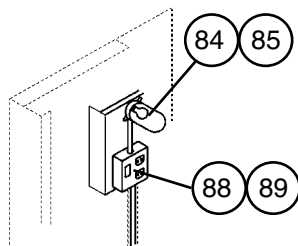
Codes 14 & 15 determine if the unit has inverter(s) and if so where they are installed. If Code 14= 1, 2, 4 AND Code 26= S, there is a separate Inverter Section. If Code 14= 3, 5, 6, 7, 8, 9, the inverter(s) are installed in the Supply Air Section. If Code 14= Y, there are no inverters. Code 15 determines the Inverter vendor specified. An Inverter with Bypass is shown below (the illustration shows the Inverter Bypass Box used until 3/05). **All components pertaining to the inverter(s) are listed in the Supply Air Section (Section F).**

Code 06 determines the liners and insulation, and will affect the final assembly panels. **For sheet metal components that make up the Blank Access/Separate Inverter Section, contact Daikin Applied to ensure correct liners, insulation and hardware are ordered.**



Unit Mounted Controls

LT17- DT Blank Access, Separate Inverter Section Light/S17- DT Blank Access, Separate Inverter Section Light Switch/REC17- DT Blank Access OR Separate Inverter Section Filter Section Receptacle



LT17- D-T Blank Section Light/S17- D-T Blank Section Light Switch/REC17- D-T Blank Section Receptacle

Ref No.	Part Description	Part Number	Qty.
84	Light Fixture	042229500	1
85	Bulb- LT17	065492402	1
88	Light Switch- S17	065492201	1
89	Receptacle- REC17	030187000	1

Section D- Draw-Thru Cooling Section Notes



Primary Codes that pertain: 03, 27, 28

Additional Codes that pertain: 06

Code 03 determines the DX Cooling Coil size. If Code 03= S there is a small face area Coil (24" section for unit sizes 080, 090 or 48" section for unit sizes 105- 115). If Code 03= L there is a large face area Coil (48" section for unit sizes 080, 090 or 24/48" for unit sizes 105- 135).

Code 27 determines if there is a Section D. If Code 27= YYYY, then there is no section (for RPS or RFS units this indicates that the cooling coil is in the Blow-Thru position [RDT units always have a section D]). If the code is CYYY, CYYS then there is a unit Cooling Coil and Drain Pan (the "S" means the Drain Pan is stainless steel, a "Y" in the fourth position indicates that the pan is galvanized). If Code 27= DYYY, DYYS, then the section contains only a Drain Pan (not an option for RDT units).

Code 28 will apply only if Code 27= CYYY, CYYS and determines Cooling Coil characteristics.

Code 06 determines the liners and insulation, and will affect the final assembly panels. **For sheet metal components that make up the Draw-Thru Cooling Section, contact Daikin Applied to ensure that correct liners, insulation and hardware are ordered.**

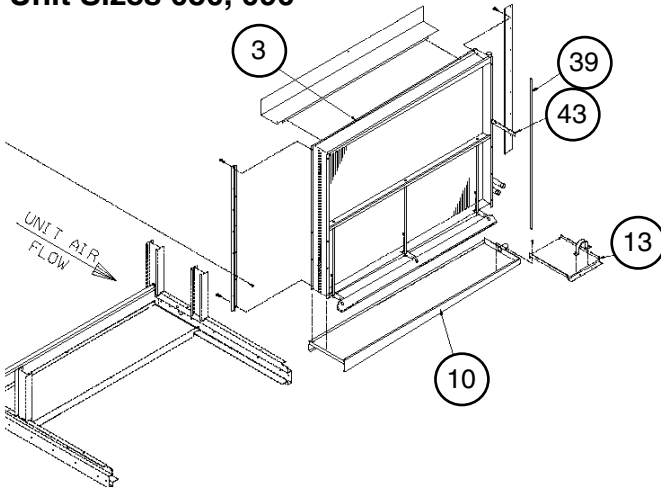
NOTE: The drawings and components listed in this section also apply to Section I—Blow-Thru Cooling Section- RPS or RFS units.

Section D- Draw-Thru Cooling Section

Evaporator Coils, Drain Pans, Gasketing

Small Face DX Coils (Code 03= S, Unit Sizes 080, 090)

Small Face Area Coil
24" Section
Code 03= S
Unit Sizes 080, 090



Ref. No.	Part Description	Part Number	Qty.
3	Coil see below		
10	Drain Pan Sloped ¹		
	Galvanized C27= CYYY	056267751	1
	Stainless C27= CYYs	056267752	1
	Drain Pan Non- Sloped ¹		
	Galvanized C27= CYYY	055531301	1
	Stainless C27= CYYs	055531302	1
13	Pan- Auxiliary 9/93 & Later		
	Galvanized C27= CYYY	055926503	1
	Stainless C27= CYYs	057356801	1
	Pan- Auxiliary Until 9/93	055524402	1
39	Gasket	049263200	8'
43	Gasket	021911422	2

¹ Sloped Drain Pans are used 9/93 & Later.

DX Evaporator Coils- Small Face (Code 03= S)

Note: For units built 9/93 & Earlier, 1/07 & Later, OR built with Copper Fins contact Daikin Applied.

Coil Description

4Z 08 3 D

Fin Stock
D= Aluminum-Lanced
C= Copper
H= Aluminum

Rows
3, 4, 5, 6

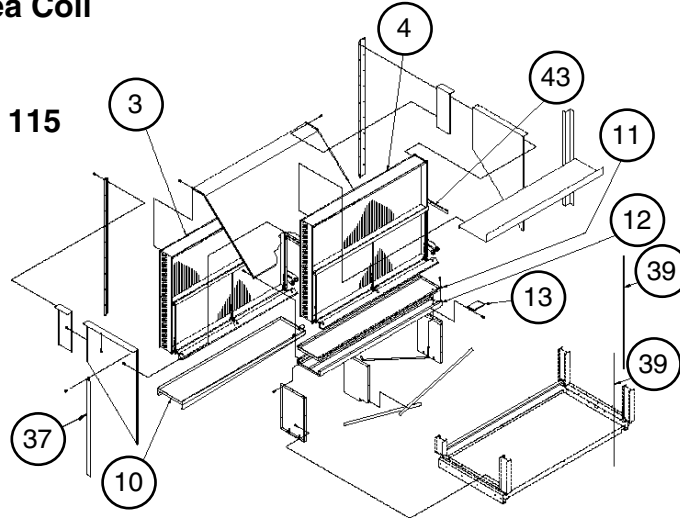
Fins-per-inch
08, 10, 12

Coil Model

Ref. No.	Coil Description Code 28=	Unit Size 080, 090	Qty.
3	Coil		
	4Z083D	068471567	1
	4Z084D	068471468	1
	4Z085D	068471568	1
	4Z103D	068471736	1
	4Z104D	068471529	1
	4Z105D	068471471	1
	4Z123D	068471545	1
	4Z124D	068471458	1
	4Z125D	068471459	1
	5Z083H	068471079	1
	5Z084H	068471143	1
	5Z085H	068471226	1
	5Z103H	068471347	1
	5Z104H	068471192	1
	5Z105H	068471254	1
	5Z123H	068471255	1
	5Z124H	068471358	1
	5Z125H	068471122	1

Section D- Draw-Thru Cooling Section **Evaporator Coils, Drain Pans, Gasketing** **Small Face DX Coils (Code 03= S, Unit Sizes 105, 115)**

Small Face Area Coil
48" Section
Code 03= S
Unit Sizes 105, 115



Ref. No.	Part Description	Part Number	Qty.
3	Coil- Upper see next page		
4	Coil- Lower see next page		
10	Drain Pan Sloped ¹		
	Galvanized C27= CYYY	056267755	1
	Stainless C27= CYYs	056267756	1
	Drain Pan Non- Sloped ¹		
	Galvanized C27= CYYY	055531305	1
	Stainless C27= CYYs	055531306	1
11	Drain Pan Sloped ¹		
	Galvanized C27= CYYY		
	4/00 & Later	096235001	1
	Until 4/00	055531353	1
	Stainless C27= CYYs	055531354	1
	Drain Pan Non- Sloped ¹		
	Galvanized C27= CYYY	055531303	1
	Stainless C27= CYYs	055531304	1
12	Pan- Liner		
	9/93 & Later	055531202	1
	Until 9/93	055531201	1
13	Pan- Auxiliary		
	11/01 & Later	056271401	1
	Until 11/01	055524401	1
37	Gasket	056003501	144
39	Gasket	049263200	10'
43	Gasket	021911422	4

¹ Sloped Drain Pans are used 9/93 & Later.

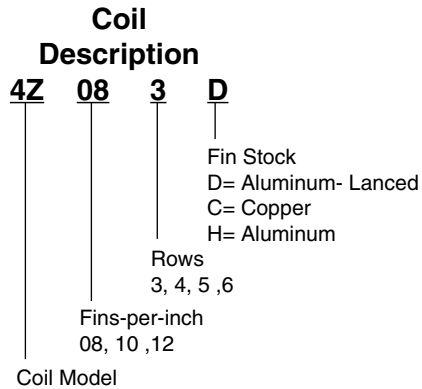
Section D- Draw-Thru Cooling Section

Small Face DX Evaporator Coils (Code 03= S, Unit Sizes 105, 115)

Continued

DX Evaporator Coils- Small Face (Code 03= S)

Note: For units built 9/93 & Earlier, 1/07 & Later, OR built with Copper Fins contact Daikin Applied.

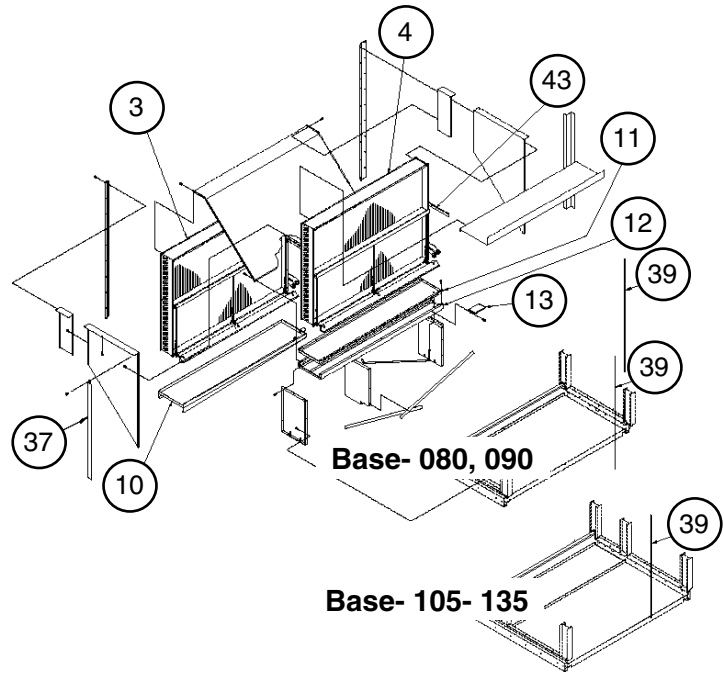


Ref. No.	Coil Description Code 28=	Unit Size 105,115	Qty.
3	Coil- Upper		
	4Z083D	068481084	1
	4Z084D	068471469	1
	4Z085D	068471510	1
	4Z103D	068471472	1
	4Z104D	068471577	1
	4Z105D	068471495	1
	4Z123D	068481035	1
	4Z124D	068471460	1
	4Z125D	068471461	1
	5Z083H	068471386	1
	5Z084H	068471373	1
	5Z085H	068471090	1
	5Z086H	068471137	1
	5Z103H	068471211	1
	5Z104H	068471136	1
	5Z105H	068471066	1
	5Z106H	068471106	1
	5Z123H	-	1
	5Z124H	068471069	1
	5Z125H	068471165	1
	5Z126H	068471091	1
4	Coil- Lower		
	4Z083D	068471631	1
	4Z084D	068481019	1
	4Z085D	068481033	1
	4Z103D	068481021	1
	4Z104D	068481059	1
	4Z105D	068481028	1
	4Z123D	068471519	1
	4Z124D	068481014	1
	4Z125D	068481056	1
	5Z083H	068480978	1
	5Z084H	068480968	1
	5Z085H	068480846	1
	5Z086H	068480871	1
	5Z103H	068480903	1
	5Z104H	068480870	1
	5Z105H	068480840	1
	5Z106H	068480853	1
	5Z123H	068480983	1
	5Z124H	068480841	1
	5Z125H	068480884	1
	5Z126H	068480847	1

Section D- Draw-Thru Cooling Section

Large Face DX Evaporator Coils (Code 03= L, Unit Sizes 080- 135)

Large Face Area Coil
48" Section (unit sizes 080, 090)
24/48" Section (unit sizes 105- 135)
Code 03= L
(080, 090 shown)



48" Section- 080, 090

Ref. No.	Part Description	Part Number	Qty.
3	Coil- Lower see next page		
4	Coil- Upper see next page		
10	Drain Pan Sloped ¹		
	Galvanized C27= CYYY	056267755	1
	Stainless C27= CYYS	056267756	1
	Drain Pan Non- Sloped ¹		
	Galvanized C27= CYYY	055531305	1
	Stainless C27= CYYS	055531306	1
11	Drain Pan Sloped ¹		
	Galvanized C27= CYYY		
	4/00 & Later	096235001	1
	Until 4/00	055531353	1
	Stainless C27= CYYS	055531354	1
	Drain Pan Non- Sloped ¹		
	Galvanized C27= CYYY	055531303	1
	Stainless C27= CYYS	055531304	1
12	Pan- Liner		
	9/93 & Later	055531202	1
	Until 9/93	055531201	1
13	Pan- Auxiliary		
	11/01 & Later	056271401	1
	Until 11/01	055524401	1
37	Gasket	056003501	144
39	Gasket	049263200	10'
43	Gasket	021911422	4

¹ Sloped Drain Pans are used 9/93 & Later.

24/48" Section- 105- 135

Ref. No.	Part Description	Part Number	Qty.
3	Coil- Lower see next page		
4	Coil- Upper see next page		
10	Drain Pan Sloped ²		
	Galvanized C27= CYYY	056267751	1
	Stainless C27= CYYS	056267752	1
	Drain Pan Non- Sloped ²		
	Galvanized C27= CYYY	055531305	1
	Stainless C27= CYYS	055531306	1
11	Drain Pan Sloped ²		
	Galvanized C27= CYYY		
	4/00 & Later	096235001	1
	Until 4/00	055531353	1
	Stainless C27= CYYS	055531354	1
	Drain Pan Non- Sloped ²		
	Galvanized C27= CYYY	055531303	1
	Stainless C27= CYYS	055531304	1
12	Pan- Liner		
	9/93 & Later	055531202	1
	Until 9/93	055531201	1
13	Pan- Auxiliary		
	11/01 & Later	056271401	1
	Until 11/01	055524401	1
37	Gasket	056003501	168
39	Gasket	049263200	11'
43	Gasket	021911422	4

² Sloped Drain Pans are used 9/93 & Later.

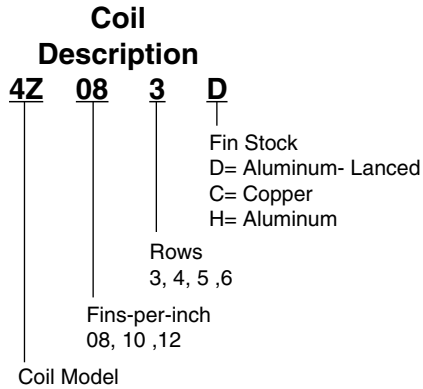
Section D- Draw-Thru Cooling Section

Large Face DX Evaporator Coils (Code 03= L, Unit Sizes 080- 135)

Continued

DX Evaporator Coils- Large Face (Code 03= L)

Note: For units built 9/93 & Earlier, 1/07 & Later, OR built with Copper Fins contact Daikin Applied.

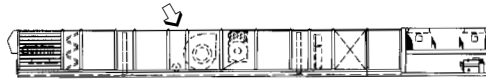


Ref. No.	Coil Description Code 28=	Unit Size		Qty.
		080, 090	105-135	
3	Coil- Lower			
	4Z083D	068481084	068471575	1
	4Z084D	068471469	068471470	1
	4Z085D	068471510	068471563	1
	4Z103D	068471472	068471570	1
	4Z104D	068471577	068471482	1
	4Z105D	068471495	068471506	1
	4Z123D	068481035	068471523	1
	4Z124D	068471460	068471462	1
	4Z125D	068471461	068471463	1
	5Z083H	068471386	068471379	1
	5Z084H	068471373	068471214	1
	5Z085H	068471090	068471228	1
	5Z086H	068471137	-	1
	5Z103H	068471211	068471213	1
	5Z104H	068471136	068471274	1
	5Z105H	068471066	068471139	1
	5Z106H	068471106		1
	5Z123H		068471395	1
	5Z124H	068471069	068471053	1
	5Z125H	068471165	068471056	1
	5Z126H	068471091	-	1
4	Coil- Upper			
	4Z083D	068471631	068481058	1
	4Z084D	068481019	068481020	1
	4Z085D	068481033	068481053	1
	4Z103D	068481021	068481057	1
	4Z104D	068481059	068481024	1
	4Z105D	068481028	068481031	1
	4Z123D	068471519	068481036	1
	4Z124D	068481014	068481016	1
	4Z125D	068481056	068481017	1
	5Z083H	068480978	068480972	1
	5Z084H	068480968	068480906	1
	5Z085H	068480846	068480913	1
	5Z086H	068480871	-	1
	5Z103H	068480903	068480905	1
	5Z104H	068480870	068480926	1
	5Z105H	068480840	068480872	1
	5Z106H	068480853	-	1
	5Z123H	068480983	068481117	1
	5Z124H	068480841	068480835	1
	5Z125H	068480884	068480837	1
	5Z126H	068480847	-	1

Section E- 48” Spacer Section

RPS, RDT, RFS Units

Notes



Primary Codes that pertain: 30
Additional Codes that pertain: 06

Code 30 determines all of the section characteristics. If Code 30= BBBBBB there is a 48” Blank/empty Section. If Code 30= YYYYYY, there is no section.

Code 06 determines the liners and insulation, and will affect the final assembly panels. **For sheet metal components that make up the 48” Spacer Section, contact Daikin Applied to ensure that correct liners, insulation and hardware are ordered.**

Section E- Draw-Thru Heat Section

RDT Units

Notes



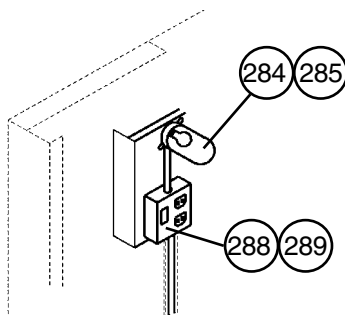
Primary Codes that pertain: 04, 30
Additional Codes that pertain:

Code 04 determines what type of heat is specified. Draw-Thru Heat units are normally hydronic heat with Steam (Code 04= S) OR Hot Water (Code 04= W) Heating Coils.

Code 30 determines the coil and associated valve characteristics.

Section Mounted Controls

LT18, REC18, S18- Section Mounted Light



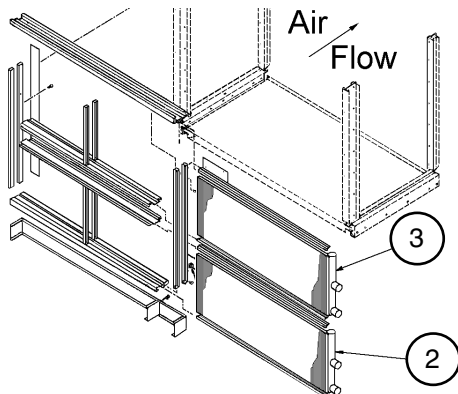
LT18- D-T Heat Section Light/S18- D-T Heat Section Light Switch/REC18- D-T Heat Section Light Receptacle

Ref No.	Part Description	Part Number	Qty.
284	Light Fixture	042229500	1
285	Bulb- LT18	065492402	1
288	Light Switch- S18	065492201	1
289	Receptacle- REC18	030187000	1

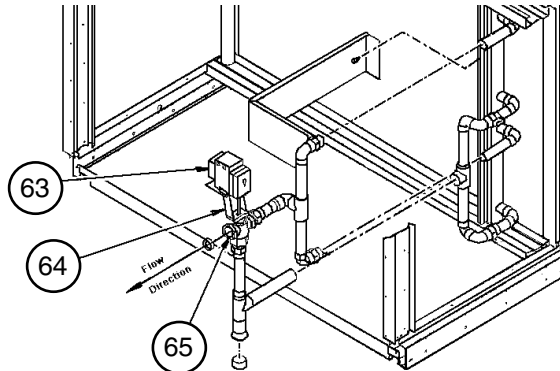
Section E- Draw-Thru Heat Section RDT Units

Hot Water OR Steam Coil Heat, Mixing Valves & Actuator VM1
Code 30 first 3 digits = S11, S12, S13, S14, W11, W22
Diagrams & Components

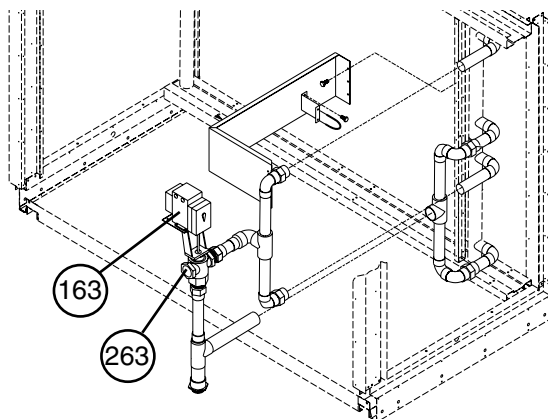
Coil Location



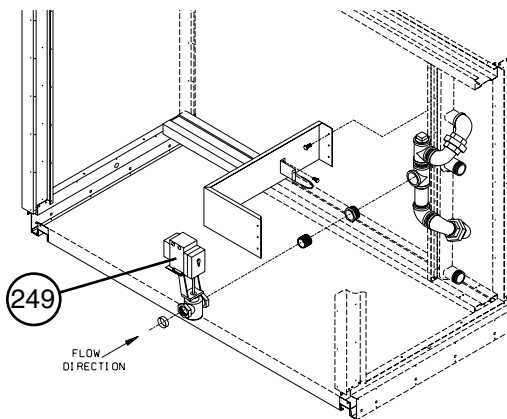
**Mixing Valve Detail- HW, Steam
12/08 & Earlier**



**Mixing Valve Detail- Hot Water
1/09 & Later**



**Mixing Valve Detail- Steam
1/09 & Later**



Ref No.	Sch. Sym.	Part Description	Code 30=	Coil Type	Coil Height	Part Number	Qty.
2		Steam Heat Coil- Bottom	S11***	5JA0601H	42"	056053061 ¹	1
		Steam Heat Coil- Bottom	S12***	5JA1201H	42"	056053062 ¹	1
		Steam Heat Coil- Bottom	S13***	5JA0602C	42"	056053063	1
		Steam Heat Coil- Bottom	S14***	5JA1202C	42"	056053064	1
		Hot Water Heat Coil- Bottom	W11***	5WH0901H	42"	056053065 ¹	1
		Hot Water Heat Coil- Bottom	W22***	5WS0902C	42"	056053066	1
3		Steam Heat Coil- Top	S11***	5JA0601H	39"	056053041 ²	1
		Steam Heat Coil- Top	S12***	5JA1201H	39"	056053042 ²	1
		Steam Heat Coil- Top	S13***	5JA0602C	39"	056053043	1
		Steam Heat Coil- Top	S14***	5JA1202C	39"	056053044	1
		Hot Water Heat Coil- Top	W11***	5WH0901H	39"	056053045 ²	1
		Hot Water Heat Coil- Top	W22***	5WS0902C	39"	056053046	1

¹ Contact Daikin Applied for units built before 1/95.

² Contact Daikin Applied for units built before 1/95.

Section E- Draw-Thru Heat Section

RDT Units

Hot Water OR Steam Coil Heat, Mixing Valves AND Actuator VM1

Code 30 first 3 digits = S11, S12, S13, S14, W11, W22

Components, Continued

Ref No.	Sch. Sym.	Part Description	Code 30=	Coil Type	Coil Height	Part Number	Qty.
		Valve/Actuator 12/08 & Earlier					
63	VM1	Actuator- 120V	*****E	All	All	059999804	1
64		Linkage- 1.25", 1.50", 2.00" Valve	*****E	All	All	049762401	1
		Linkage- 2.50", 3.00" Valve	*****E	All	All	049762403	1
65		Valve, 2 Way- Steam Heat					
		1.25"	S**E2*	5JA	All	049762502	1
		1.50"	S**F2*	5JA	All	049762503	1
		2.00"	S**G2*	5JA	All	049762504	1
		2.50"	S**H2*	5JA	All	049762505	1
		3.00"	S**J2*	5JA	All	049762506 ¹	1
		Valve, 3 Way- Hot Water Heat					
		1.25"	W**E3*	5WH, 5WS	All	047936505	1
		1.50"	W**F3*	5WH, 5WS	All	047936501	1
		2.00"	W**G3*	5WH, 5WS	All	047936502	1
		2.50"	W**H3*	5WH, 5WS	All	047936506	1
		3.00"	W**J3*	5WH, 5WS	All	047936503 ²	1
		Valve Assy. 1/09 & Later					
163	VM1	Actuator- 24V, 1.25"- 2.00" Valve ³	W****E	All	All	300046566	1
		Actuator- 24V, 2.50"- 3.00" Valve ³	W****E	All	All	113149601	1
263		Valve, 3 Way- HW w/ Actuator					
		1.25"	W**E3E	5WH, 5WS	All	113166703	1
		1.50"	W**F3E	5WH, 5WS	All	113166704	1
		2.00"	W**G3E	5WH, 5WS	All	113166705	1
		2.50"	W**H3E	5WH, 5WS	All	113166706	1
		3.00"	W**J3E	5WH, 5WS	All	113166707	1
249		Valve, 2 Way- Steam w/ Actuator ⁴					
		1.25"	S**E2E	5JA	All	113147501	1
		1.50"	S**F2E	5JA	All	113147701	1
		2.00"	S**G2E	5JA	All	113147901	1
		2.50"	S**H2E	5JA	All	113148101	1

¹ Steam Heat 3.00" Valve has a Flange Gasket p/n: 031315900.

² Hot Water Heat 3.00" Valve has a Flange Gasket p/n: 031316000.

³ Note that the HW Valve is factory supplied WITH the Actuator. Use this p/n when replacing the HW Actuator ONLY.

⁴ Note that the Steam Valve is factory supplied WITH the Actuator. For Actuator ONLY p/ns contact Daikin Applied with model and serial number information so that the correct Actuator can be identified.

Section F- Supply Air Section Notes



Primary Codes that pertain: 31, 32, 33, 12, 14, 15, 40

Additional Codes that pertain: 04, 06, 26, 34, 49

Code 31 determines the Supply Fan size and type, Code 32 determines the Fan Motor horsepower and type, and Code 33 determines the drive selection. **Drive components (Fan Sheave, Motor Sheave, V-belt(s), and Sheave Bushing(s) [if required]) are NOT listed as they are unique to the unit. If a drive component is required you may use the number from the part and cross reference it with the Drive Components Cross Reference, form number 571006, or contact Daikin Applied with model and serial number information for identification.** Supply Air Fan Motors range from 5- 75 horsepower.

Code 12 determines the location of the unit's Main Control Box. RDT units with no Blow-Thru section have Main Control Boxes in the Supply Air section.

Codes 14 and 15 determine if the unit has inverter(s) and if so where they are installed. If Code 14 equals 1- 9 (or X for units built prior to 2000), the inverter(s) are installed in the Supply Air Section. If Code 14= 1, 2, 4 AND Code 26= S, there is a separate Inverter Section. If Code 14= Y, there are no inverters. Code 15 determines the inverter vendor. **All components pertaining to the Supply Air Fan Inverter are listed in this section.**

Code 40 determines the Discharge Plenum configuration. The Discharge Plenum is located in Section F when the section is bolted directly to the Condenser (Section M). RDT units always have the Discharge Plenum located in Section F. **If Code 40= BE, there is an Isolation Damper with Actuator ACT5. Isolation Dampers are detailed in Section K.**

Code 04 and Code 34 determine the heat type, which can affect the final assembly part numbers, the location of the Discharge Plenum, as well as the section installed controls.

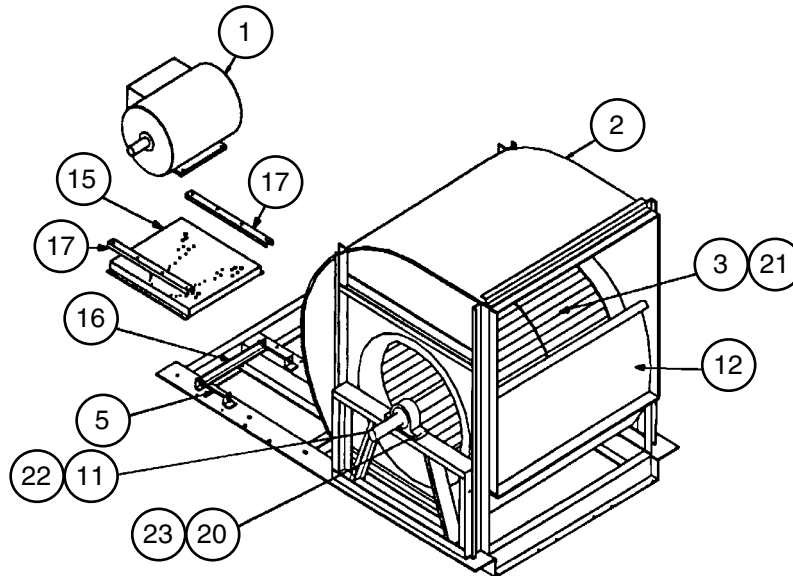
Code 06 determines the liners and insulation, and will affect the final assembly panels. **For sheet metal components that make up the Supply Air Section, contact Daikin Applied to ensure that correct liners, insulation and hardware are ordered.**

Code 49 determines if the Supply Air cabinet has a Belt Guard (Code 49= A, D), a Fan Section Light (Code 49= B, E), or both (Code 49= C, F).

Section F- Supply Air Section

Forward Curved Fans

Low Pressure (FCLP)- Code 31= 33F*, 36F*, 40F*



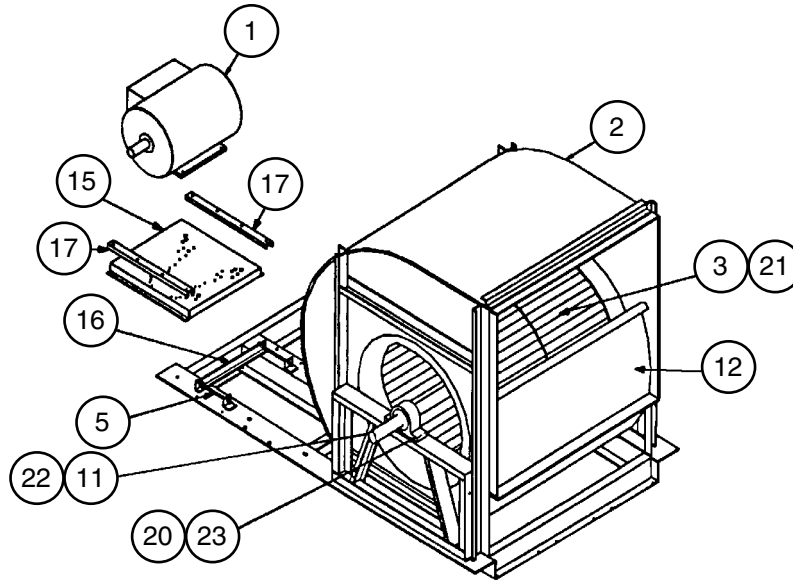
Ref. No.	Part Description	Part Number	Fan Size		
			33"	36"	40"
1	Motor- see table after Fan Mount section				
2	Housing- Blower Assy	055527716	1		
	Housing- Blower Assy	055527717		1	
	Housing- Blower Assy	055527719			1
3	Wheel Assembly	012725735	1		
	Wheel Assembly	012726239		1	
	Wheel Assembly	012726743			1
5	Screw Adjust Assy	055528202	1	1	1
11	Shaft- 2.188" Dia.	055582702	1		
	Shaft- 2.438" Dia.	055667502		1	
	Shaft- 2.688" Dia.	055664602			1
12	Plate, Cutoff	029309800	1		
	Plate, Cutoff	029309900		1	
	Plate, Cutoff	029310001			1
15	Mount Assy- Motor	056104501	1	1	1
16	Angle- Motor Mount	055514201	1	1	1
17	Hold Down	041272900	2	2	2
20	Plate- Shim	032422700	2		
21	Key- Fan, 4.75" Long	023221508	1		
	Key- Fan, 6.90" Long	023221619		1	1
22	Key- Sheave, 6.50" Long	023221515	1		
	Key- Sheave, 6.50" Long	023221610		1	1
23	Bearing- Ball- 2.188"	020648654 ¹	2		
	Bearing- Ball- 2.438"	020648655 ¹		2	
	Bearing- Ball- 2.688"	020648658 ¹			2

¹ Note that some units may have been equipped with standard setscrew locking bearings. This locking collar style bearing is the recommended replacement.

Section F- Supply Air Section

Forward Curved Fans

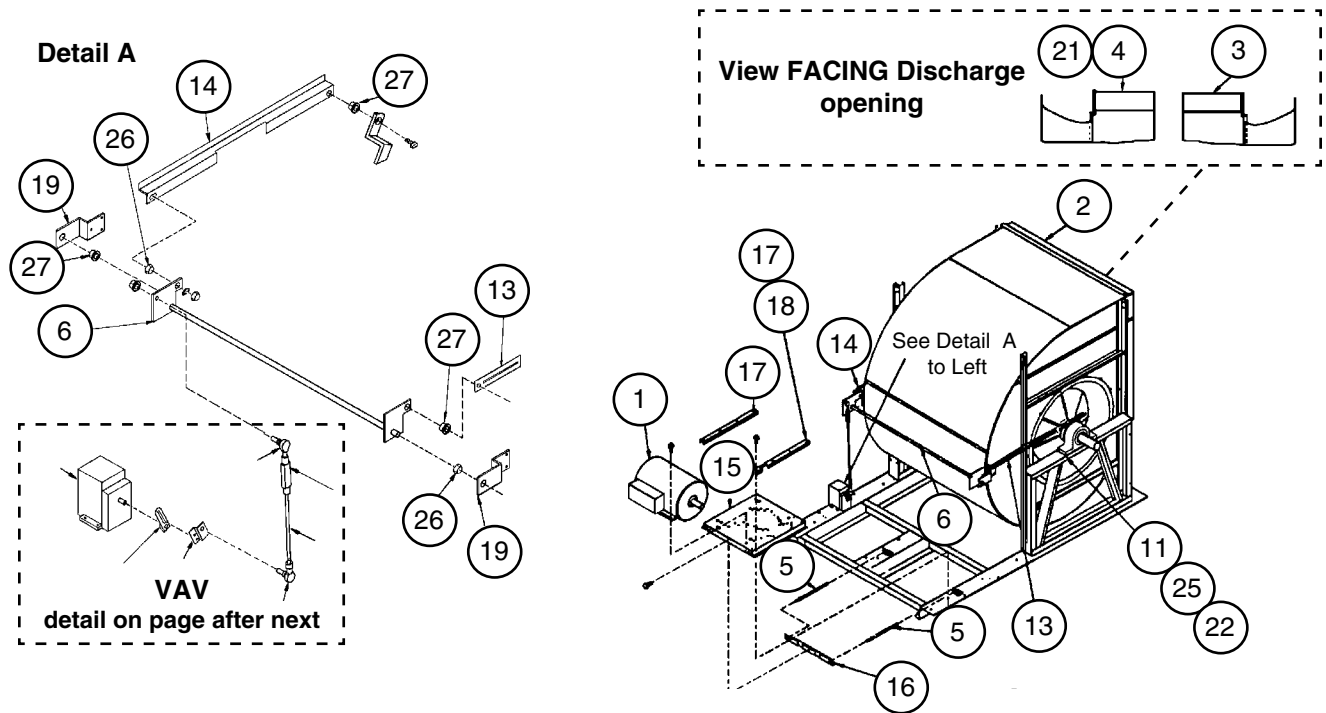
High Pressure (FCMP)- Code 31= 33M*, 36M*



Ref. No.	Part Description	Part Number	Fan Size	
			33"	36"
1	Motor- see table after Fan Mount section			
2	Housing- Blower Assy	055527716	1	
	Housing- Blower Assy	055527718		1
3	Wheel Assembly	012727939	1	
	Wheel Assembly	012728343		1
5	Screw Adjust Assy	055528202	1	1
11	Shaft- 2.438" Dia.	055515702	1	
	Shaft- 2.688" Dia.	055667303		1
12	Plate, Cutoff	029309800	1	
	Plate, Cutoff	029309900		1
15	Mount Assy- Motor	056104501	1	1
16	Angle- Motor Mount	055514201	1	1
17	Hold Down	041272900	2	2
20	Plate- Shim	032422700	1	
21	Key- Fan, 9.25" Long	023221614	1	
	Key- Fan, 4.25" Long	023221617	2	
	Key- Fan, 10.00" Long	023221613		1
22	Key- Sheave, 6.50" Long	023221610	1	1
23	Bearing- Ball- 2.437"	020648655 ¹	2	
	Bearing- Ball- 2.688"	020648658 ¹		2

¹ Note that some units may have been equipped with standard setscrew locking bearings. This locking collar style bearing is the recommended replacement.

Section F- Supply Air Section **Air Foil Fan- Double Width** **Code 31= 33V*, 33A*, 36V*, 36A*, 40V*, 40A***



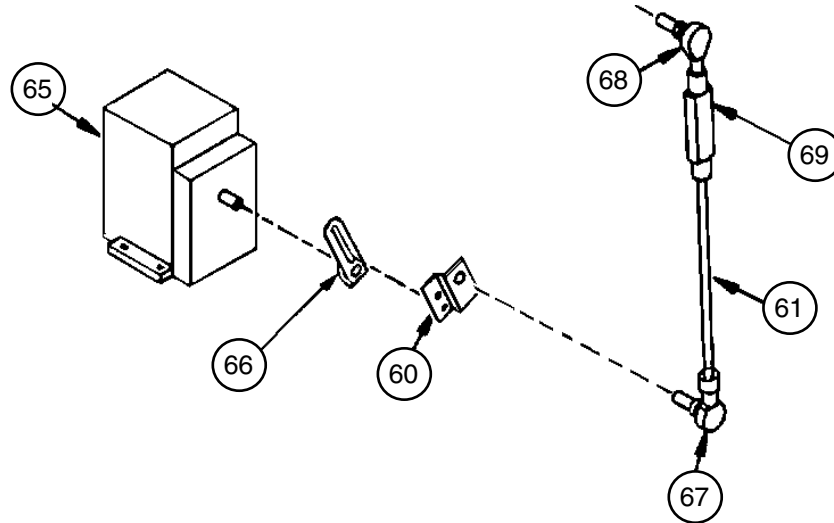
Ref. No	Part Description	Part Number	Fan Size		
			33"	36"	40"
1	Motor- see table after Fan Mount section				
2	Housing Assy- Blower, w/Inlet Vanes	Code 31= 33V* 055527710	1		
	Inlet Vane Assembly Only	CW 032739500	1		
	Inlet Vane Assembly Only	CCW 032738900	1		
	Housing Assy- Blower, w/o Inlet Vanes	Code 31= 33A* 055527704	1		
	Inlet Funnel Only	031940903	2		
	Housing Assy- Blower, w/Inlet Vanes	Code 31= 36V* 055527711		1	
	Inlet Vane Assembly Only	CW 032739600		1	
	Inlet Vane Assembly Only	CCW 032739000		1	
	Housing Assy- Blower, w/o Inlet Vanes	Code 31= 36A* 055527705		1	
	Inlet Funnel Only	031940904		2	
	Housing Assy- Blower, w/Inlet Vanes	Code 31= 40V* 055527712			1
	Inlet Vane Assembly Only	CW 032739700			1
	Inlet Vane Assembly Only	CCW 032739100			1
	Housing Assy- Blower, w/o Inlet Vanes	Code 31= 40A* 055527706			1
	Inlet Funnel Only	031940905			2
3	Wheel, Fan- Single Inlet Single Width	CW 066543205	1		
	Wheel, Fan- Single Inlet Single Width	CW 066543207		1	
	Wheel, Fan- Single Inlet Single Width	CW 066543209			1
4	Wheel, Fan- Single Inlet Single Width	CCW 066543206	1		
	Wheel, Fan- Single Inlet Single Width	CCW 066543208		1	
	Wheel, Fan- Single Inlet Single Width	CCW 066543210			1
5	Screw Adjust Assembly	055528202	2	2	2

Section F- Supply Air Section
Air Foil Fan- Double Width
Code 31= 33V*, 33A*, 36V*, 36A*, 40V*, 40A*
Continued

Ref. No	Part Description	Part Number	Fan Size		
			33"	36"	40"
6	Crank Arm	Units with Inlet Vanes only 055529403	1		
	Crank Arm	Units with Inlet Vanes only 055529404		1	
	Crank Arm	Units with Inlet Vanes only 055529405			1
11	Shaft- 2.438" Diameter	055515702	1		
	Shaft- 2.688" Diameter	055667303		1	
	Shaft- 2.938" Diameter	055642402			1
13	Angle- Linkage	Units with Inlet Vanes only 055570901	1		
	Angle- Linkage	Units with Inlet Vanes only 055667201		1	
	Angle- Linkage	Units with Inlet Vanes only 055644301			1
14	Angle- Linkage	Units with Inlet Vanes only 055570902	1		
	Angle- Linkage	Units with Inlet Vanes only 055667202		1	
	Angle- Linkage	Units with Inlet Vanes only 055644302			1
15	Motor Mount Assembly	056104501	1	1	1
16	Angle- Motor Mount	055514201	1	1	1
17	Holddown	041272900	1	2	2
18	Angle, Clamping	055576601	1		
19	Mount, Bearing	Units with Inlet Vanes only 055570801	2	2	2
21	Key- Fan	4.75" Long X 5/8" Diameter			
	until 4/00	023221606	2		
	4/00 & Later	023221617	2		
	Key- Fan	10.00" Long X 5/8" Diameter 023221613		1	
	Key- Fan	5.50" Long X 3/4" Diameter 023221702			2
22	Key- Sheave	6.50" Long X 1/2" Diameter 023221610	1	1	
	Key- Sheave	5.50" Long X 3/4" Diameter 023221702			1
25	Bearing- Ball	2.437" Bore 020648655 ¹	2		
	Bearing- Ball	2.688" Bore 020648658 ¹		2	
	Bearing- Ball	2.937" Bore 020648659 ¹			2
26	Bearing- Sleeve, .752" Bore	Units with Inlet Vanes only 047138508	2	2	2
27	Bearing- Flange, .505" Bore	Units with Inlet Vanes only 047138509	4	4	4

¹ Note that some units may have been equipped with standard setscrew locking bearings. This locking collar style bearing is the recommended replacement.

Section F- Supply Air Section **Air Foil- Double Width- VAV Assembly** **Code 31= 33V*, 36V*, 40V***



Ref. No.	Motor H.P.	Part Description	Part Number	Fan Size		
				33"	36"	40"
60	All	Plate- Adapter	033603300	1	1	1
61	All	Shaft- Linkage	055530507	1		
	5- 40	Shaft- Linkage	055530506		1	
	50- 75	Shaft- Linkage	055530504		1	
	10- 40	Shaft- Linkage	055530508			1
	50- 75	Shaft- Linkage	055530505			1
65	⁴	Actuator- 120V	ACT1 059999801 ¹	1	1	1
	⁵	Actuator- 120V	ACT1 059999802 ²	1	1	1
	⁶	Actuator- 120V	ACT1 059999803 ³		1	1
66	All	Crank Arm	032279200	1		
	10- 40	Crank Arm	032279200		1	1
	50- 75	Crank Arm	031771800		1	1
67	All	Ball Joint- Female	027671100	1	1	1
68	All	Ball Joint- Male	034256500	1	1	1
69	All	Turnbuckle	032851100	1	1	1

¹ Prior to 1/98 the Actuator was p/n 031771701.

² Prior to 1/98 the Actuator was p/n 031771702.

³ Prior to 1/98 the Actuator was p/n 031771600.

⁴ Horsepower range— 33" Fan: 5- 15HP; 36", 40" Fan: 10, 15 HP.

⁵ Horsepower range— 33" Fan: 20- 50HP; 36", 40" Fan: 20- 40 HP.

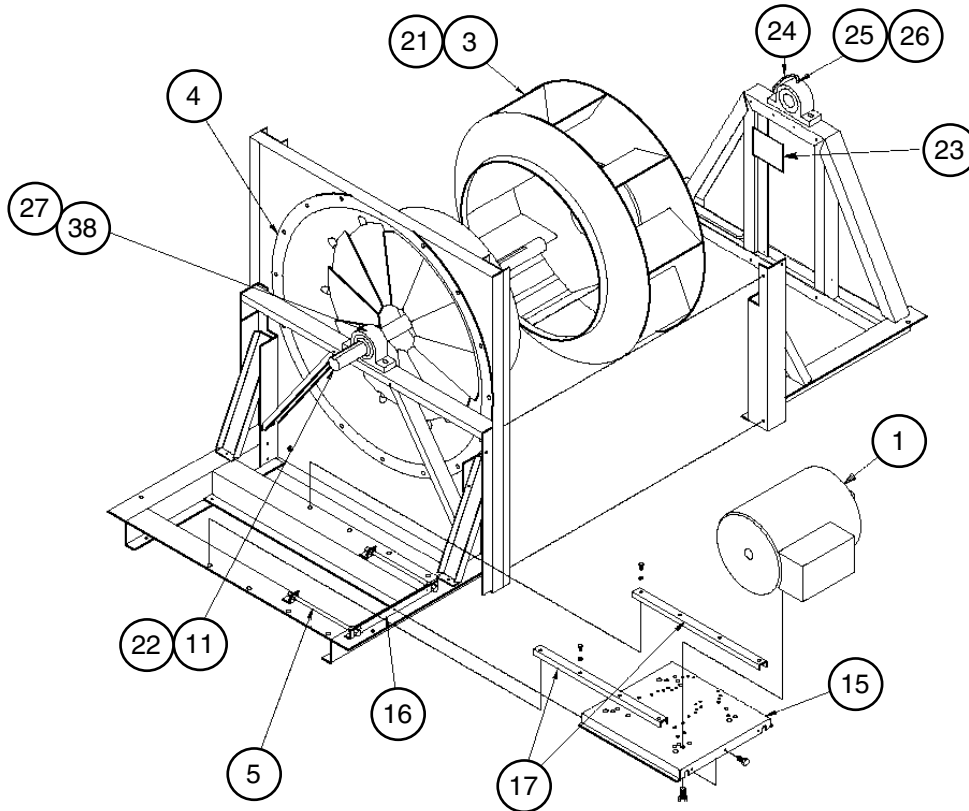
⁶ Horsepower range— 36", 40" Fan: 50- 75 HP.

Section F- Supply Air Section

Air Foil Fan- Single Width- RDT (Draw-Thru/No Heat) Units

Code 31= 44B*, 44W*, 49B*, 49W*

Diagram & Components



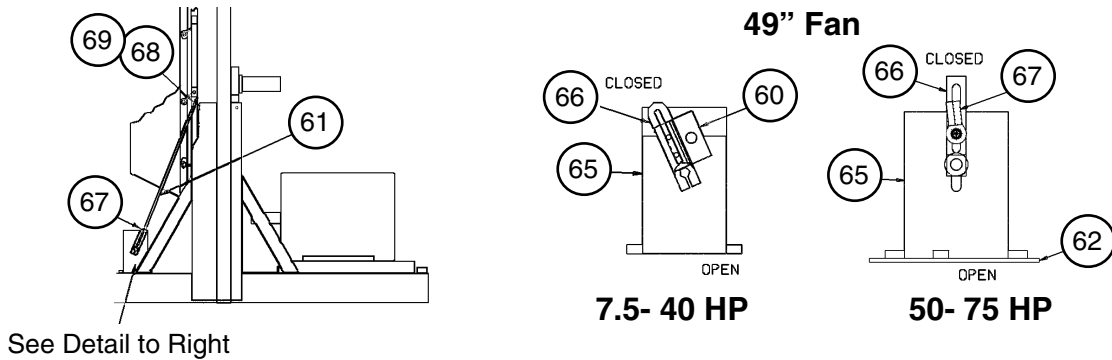
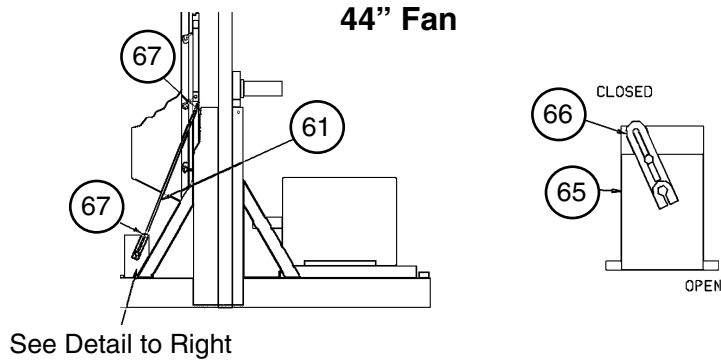
Ref. No.	Part Description	Part Number	Fan Size	
			44"	49"
1	Motor- see table after Fan Mount section			
3	Wheel, Fan- Single Inlet/Single Width Until 6/00	093413720	1	
	Wheel, Fan- Single Inlet/Single Width 6/00 & Later	110942010	1	
	Wheel, Fan- Single Inlet/Single Width Until 6/00	093413572		1
	Wheel, Fan- Single Inlet/Single Width 6/00 & Later	110942011		1
4	Fan Vane Control w/Funnel Code 31= 44W*			
	Until 6/00	048447007	1	
	6/00 & Later	110941910	1	
	Until 6/00	065816501		1
	6/00 & Later	110941911		1
	Inlet Funnel Assembly (no vanes) Code 31= 44B*			
	Until 6/00	092045214	1	
	6/00 & Later	110941810	1	
	Until 6/00	092042515		1
	6/00 & Later	110941811		1

Section F- Supply Air Section
Air Foil Fan- Single Width- RDT (Draw-Thru/No Heat) Units
Code 31= 44B*, 44W*, 49B*, 49W*
Components, Continued

Ref. No.	Part Description	Part Number	Fan Size	
			44"	49"
5	Screw Adjust Assembly	055528203	2	2
11	Shaft- 2.438" Diameter	055534702	1	
	Shaft- 2.188" Diameter	056079802		1
15	Mount Assembly-Motor	056104501	1	1
16	Angle -Motor Mount	055514201	1	1
17	Angle, Clamping	055512701	2	2
21	Key- Fan, 6.50" Long X 5/8" Diameter	023221610	1	
	Key- Fan, 6.00" Long X 1/2" Diameter	023221520		2
22	Key- Fan, 5.50" Long X 5/8" Diameter	023221607	1	
	Key- Fan, 6.00" Long X 1/2" Diameter	023221520		1
23	Plate Until 1/00	055606701	1	1
24	Tubing- Plastic	021136795	1	
	Tubing- Plastic	021136798		1
25	Bearing- Ball, 2.437" Bore	020648655 ¹	1	
	Bearing- Ball, 2.188" Bore	020648654 ¹		1
26	Fitting- 1/4" OD X 1/8" MPT Until 12/04	021213700	1	1
	Fitting- 1/4" OD X 1/8" MPT 12/04 & Later	027674000	1	1
27	Fitting- 1/4" OD X 1/8" FPT Until 12/04	021213800	1	1
	Fitting- 1/4" OD X 1/8" MPT 12/04 & Later	027674100	1	1
38	Bearing- Ball, 2.437" Bore	020648655 ¹	1	
	Bearing- Roller, 2.188" Bore	049541108		1

¹ Note that some units may have been equipped with standard setscrew locking bearings. This locking collar style bearing is the recommended replacement.

Section F- Supply Air Section **Air Foil- Single Width- VAV Assembly** **Code 31= 44W*, 49W***



Ref. No.	Motor H.P.	Part Description	Part Number	Fan Size	
				44"	49"
60	7.5- 40	Mount- Ball Joint	056080101		1
61	All	Rod- Damper	028680926	1	
	7.5- 40	Linkage- Shaft	055530509		1
	50- 75	Linkage- Shaft	055530502		1
62	50- 75	Support- Motor	056079901		1
65	3- 20	Actuator- 120V	ACT1 059999801 ¹	1	
	25- 60	Actuator- 120V	ACT1 059999802 ²	1	
	7.5- 15	Actuator- 120V	ACT1 059999801 ¹		1
	20- 40	Actuator- 120V	ACT1 059999802 ²		1
	50- 75	Actuator- 120V	ACT1 059999803 ³		1
66	All	Crank Arm	032279200	1	
	7.5- 40	Crank Arm	032279200		1
	50- 75	Crank Arm	031771800		1
67	All	Ball Joint	000887000	2	
	All	Ball Joint	027671100		1
68	All	Ball Joint	034256500		1
69	All	Turnbuckle	032851100		1

¹ Prior to 1/98 Actuator p/n was 031771701.

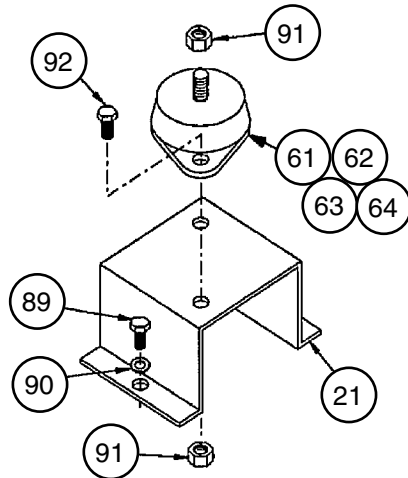
² Prior to 1/98 Actuator p/n was 031771702.

³ Prior to 1/98 Actuator p/n was 031771600.

Section F- Supply Air Section

Fan Mounts- 33" Forward Curved Fan

Code 31= 33F1, 33F2, 33F3, 33M1, 33M2, 33M3
Until 11/04

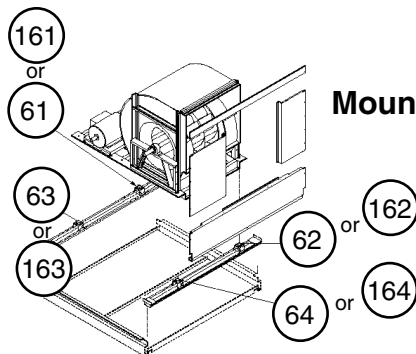


Rubber Mounts

Rubber Mounts (Code 31= 33F1, 33M1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support ¹	098316001	4
61	5, 7.5	Rubber Mount- Black	021639704	1
	10- 50	Rubber Mount- Red	021639701	1
62	5- 40	Rubber Mount- Black	021639704	1
	50	Rubber Mount- Red	021639701	1
63	5, 7.5	Rubber Mount- Black	021639704	1
	10- 25, 50	Rubber Mount- Red	021639701	1
	30, 40	Rubber Mount- Green	021639703	1
64	All	Rubber Mount- Red	021639701	1
89	All	Screw- Cap, 3/8-16 X 1"	048878118	8
90	All	Washer- Lock, 3/8"	048164812	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8

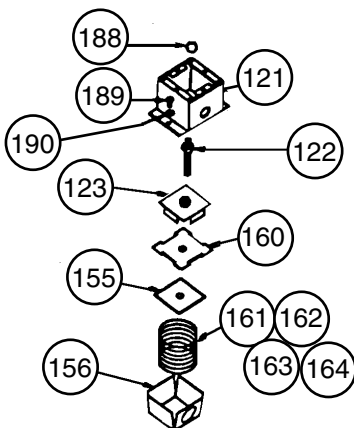
¹ Prior to 5/02 p/n was 055512101.



Mount Locations

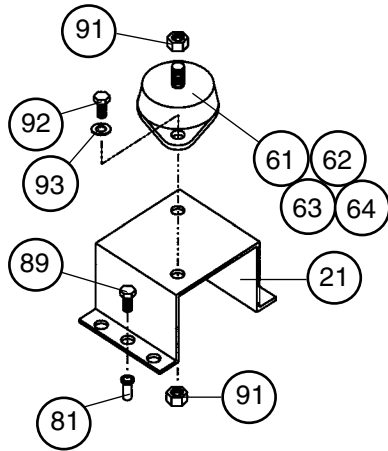
Spring Mounts (Code 31= 33F2, 33F3, 33M2, 33M3)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Support Assembly	055606901	4
122	All	Screw Adjust Assembly	055528201	4
123	All	Channel Assembly	055606801	4
155	All	Plate- Gasket Retainer	055502101	4
156	All	Support- Spring Locator	055502201	4
160	All	Pad- Rubber Vibration	048447901	4
161	5- 10	Mount- Spring, Black	048448502	1
	15- 50	Mount- Spring, Red	048448503	1
162	All	Mount- Spring, Black	048448502	1
163	5	Mount- Spring, Black	048448502	1
	7.5- 25	Mount- Spring, Red	048448503	1
	30- 50	Mount- Spring, Green	048448504	1
164	5-10, 40, 50	Mount- Spring, Red	048448503	1
	15- 30	Mount- Spring, Black	048448502	1
188	All	Nut- 5/8-11	040500002	4
189	All	Screw- Cap, 3/8-16 X 1"	048878118	12
190	All	Washer- Lock, 3/8"	048164812	8
N/S	All	Screw- Tapping, 1/4-20	046093809	8



Spring Mounts

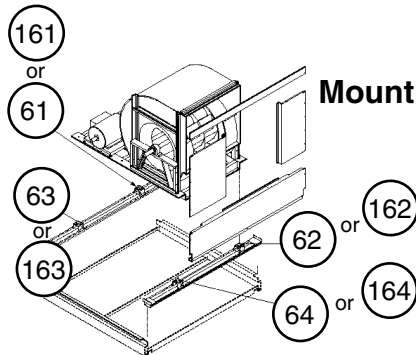
Section F- Supply Air Section **Fan Mounts- 33" Forward Curved Fan** **Code 31= 33F1, 33F2, 33F3, 33M1, 33M2, 33M3** **11/04 & Later**



Rubber Mounts

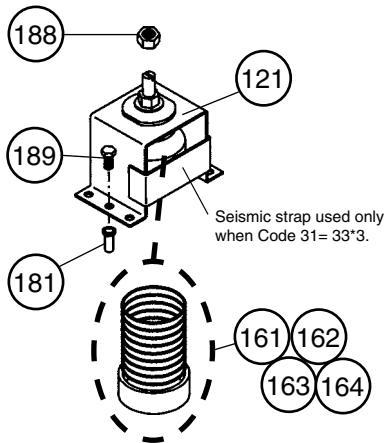
Rubber Mounts (Code 31= 33F1, 33M1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support	098316001	4
61	5, 7.5	Rubber Mount- Black	021639704	1
	10- 50	Rubber Mount- Red	021639701	1
62	5- 40	Rubber Mount- Black	021639704	1
	50	Rubber Mount- Red	021639701	1
63	5, 7.5	Rubber Mount- Black	021639704	1
	10- 25, 50	Rubber Mount- Red	021639701	1
	30, 40	Rubber Mount- Green	021639703	1
64	All	Rubber Mount- Red	021639701	1
81	All	Nut	059992201	8
89	All	Screw	112047201	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8
93	All	Washer- Plain, 1/2"	048164812	8



Mount Locations

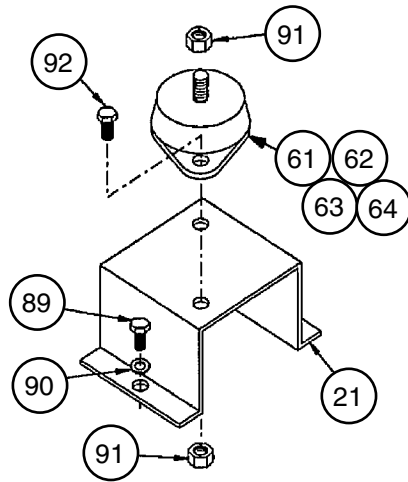
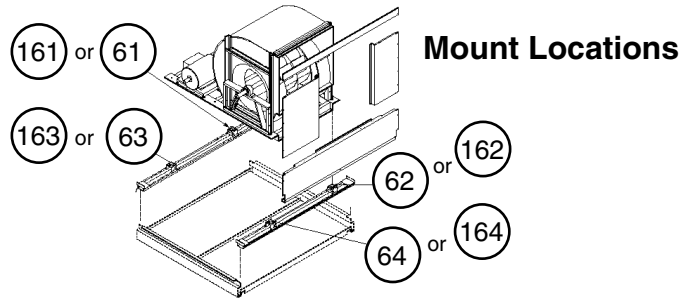
**Spring Mounts (Code 31= 33F2, 33M2) AND
Seismic Spring (Code 31= 33F3, 33M3)**



Spring Mounts

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Mount		
		Spring (C31= 33*2)	251783201	4
		Seismic (C31= 33*3)	251783301	4
161	5, 7.5	Spring Mount- Purple	251784701	1
	10- 30	Spring Mount- Brown	251784801	1
	40, 50	Spring Mount- Red	251785001	1
162	All	Spring Mount- Brown	251784801	1
163	5, 7.5	Spring Mount- Brown	251784801	1
	10- 30	Spring Mount- Red	251784901	1
	40, 50	Spring Mount- Red/Black	251785001	1
164	5- 20	Spring Mount- Red	251784901	1
	25- 50	Spring Mount- Red/Black	251785001	1
181	All	Nut		
		Spring (C31= 33*2)	059992201	12
		Seismic (C31= 33*3)	111056301	20
188	All	Nut	040500002	4
189	All	Screw		
		Spring (C31= 33*2)	112047201	12
		Seismic (C31= 33*3)	112047201	20

Section F- Supply Air Section **Fan Mounts- 36" Forward Curved Fan** **Code 31= 36F1, 36F2, 36F3, 36M1, 36M2, 36M3** **Until 11/04**



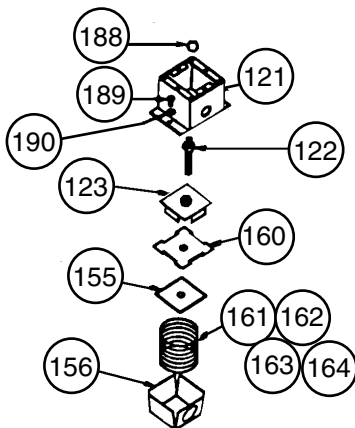
Rubber Mounts

Rubber Mounts (Code 31= 36F1, 36M1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support ¹	098316001	4
61	All	Rubber Mount- Red	021639701	1
62	All	Rubber Mount- Red	021639701	1
63	10- 25	Rubber Mount- Red	021639701	1
	30- 50	Rubber Mount- Green	021639703	1
	60, 75	Rubber Mount- Gray	021639705	1
64	All	Rubber Mount- Red	021639701	1
89	All	Screw- Cap, 3/8-16 X 1"	048878118	8
90	All	Washer- Lock, 3/8"	048164812	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8

¹ Prior to 5/02 p/n was 055512101.

Spring Mounts (Code 31= 36F2, 36F3, 36M2, 36M3)



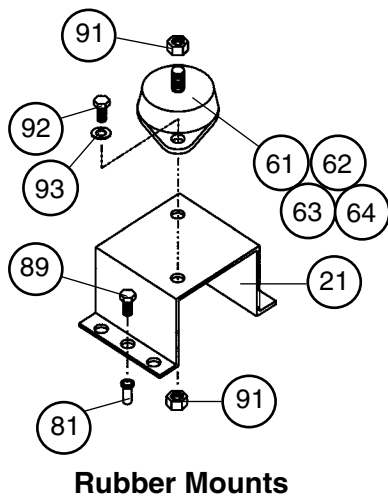
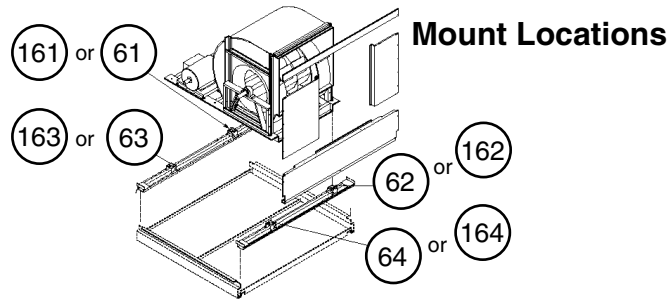
Spring Mounts

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Support Assembly	055606901	4
122	All	Screw Adjust Assembly	055528201	4
123	All	Channel Assembly	055606801	4
155	All	Plate- Gasket Retainer	055502101	4
156	All	Support- Spring Locator	055502201	4
160	All	Pad- Rubber Vibration	048447901	4
161	10	Mount- Spring, Black	048448502	1
	15- 75	Mount- Spring, Red	048448503	1
162	10	Mount- Spring, Red	048448503	1
	15- 75	Mount- Spring, Black	048448502	1
163	10- 20	Mount- Spring, Red	048448503	1
	25- 75	Mount- Spring, Green	048448504	1
164	All	Mount- Spring, Red	048448503	1
188	All	Nut- 5/8-11	040500002	4
189	All	Screw- Cap, 3/8-16 X 1"	048878118	12
190	All	Washer- Lock, 3/8"	048164812	8
N/S	All	Screw- Tapping, 1/4-20	046093809	8

Section F- Supply Air Section

Fan Mounts- 36" Forward Curved Fan

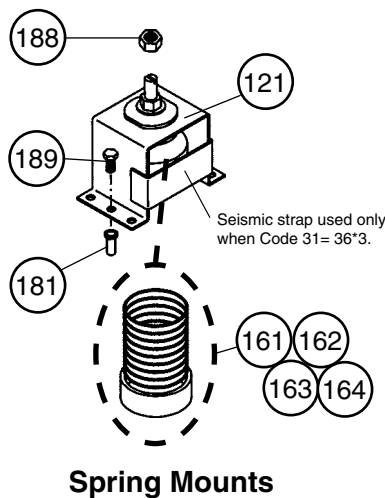
Code 31= 36F1, 36F2, 36F3, 36M1, 36M2, 36M3
11/04 & Later



Rubber Mounts (Code 31= 36F1, 36M1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support	098316001	4
61	All	Rubber Mount- Red	021639701	1
62	All	Rubber Mount- Red	021639701	1
63	10- 25	Rubber Mount- Red	021639701	1
	30- 50	Rubber Mount- Green	021639703	1
	60, 75	Rubber Mount- Gray	021639705	1
64	All	Rubber Mount- Red	021639701	1
81	All	Nut	059992201	8
89	All	Screw	112047201	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8
93	All	Washer- Plain, 1/2"	048164812	8

**Spring Mounts (Code 31= 36F2, 36M2) AND
Seismic Spring (Code 31= 36F3, 36M3)**

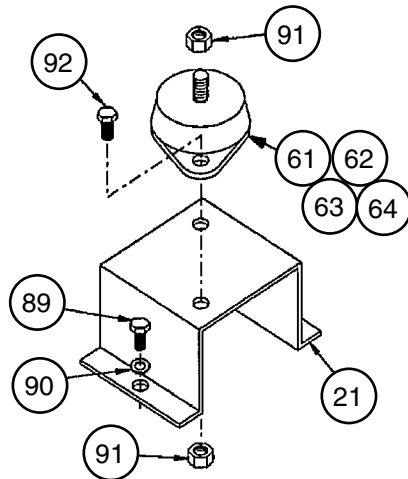
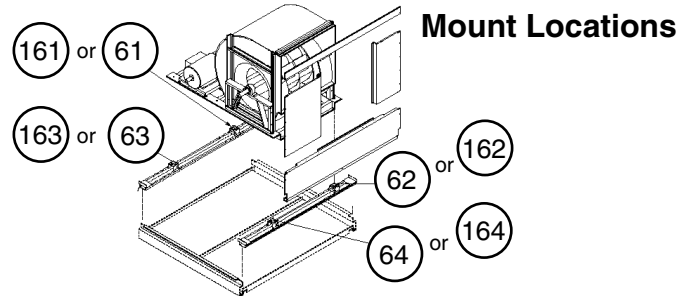


Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Mount		
		Spring (C31= 36*2)	251783201	4
		Seismic (C31= 36*3)	251783301	4
161	10- 20	Spring Mount- Brown	251784801	1
	25- 50	Spring Mount- Red	251784901	1
	60, 75	Spring Mount- Red	251785001	1
162	All	Spring Mount- Brown	251784801	1
163	10- 20	Spring Mount- Red	251784901	1
	25- 50	Spring Mount- Red/Black	251785001	1
	60, 75	Spring Mount- Red/Green	251785001	1
164	10	Spring Mount- Red	251784901	1
	15- 75	Spring Mount- Red/Black	251785001	1
181	All	Nut		
		Spring (C31= 36*2)	059992201	12
		Seismic (C31= 36*3)	111056301	20
188	All	Nut	040500002	4
189	All	Screw		
		Spring (C31= 36*2)	112047201	12
		Seismic (C31= 36*3)	112047201	20

Section F- Supply Air Section

Fan Mounts- 40" Forward Curved Fan

Code 31= 40F1, 40F2, 40F3, 40M1, 40M2, 40M3
Until 11/04

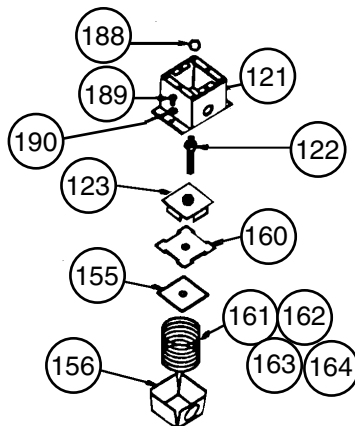


Rubber Mounts

Rubber Mounts (Code 31= 40F1, 40M1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support ¹	098316001	4
61	All	Rubber Mount- Red	021639701	1
62	All	Rubber Mount- Red	021639701	1
63	10- 25	Rubber Mount- Red	021639701	1
	30- 50	Rubber Mount- Green	021639703	1
	60, 75	Rubber Mount- Gray	021639705	1
64	All	Rubber Mount- Red	021639701	1
89	All	Screw- Cap, 3/8-16 X 1"	048878118	8
90	All	Washer- Lock, 3/8"	048164812	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8

¹ Prior to 5/02 p/n was 055512101.



Spring Mounts

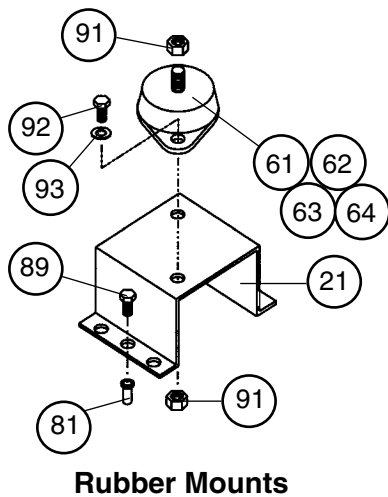
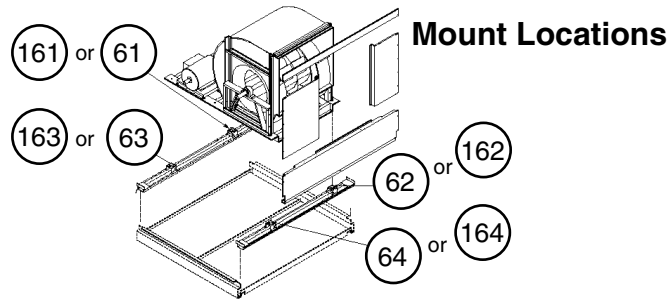
Spring Mounts (Code 31= 40F2, 40F3, 40M2, 40M3)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Support Assembly	055606901	4
122	All	Screw Adjust Assembly	055528201	4
123	All	Channel Assembly	055606801	4
155	All	Plate- Gasket Retainer	055502101	4
156	All	Support- Spring Locator	055502201	4
160	All	Pad- Rubber Vibration	048447901	4
161	All	Mount- Spring, Red	048448503	1
162	10- 25	Mount- Spring, Red	048448503	1
	30- 75	Mount- Spring, Black	048448502	1
163	10- 20	Mount- Spring, Red	048448503	1
	25- 75	Mount- Spring, Green	048448504	1
164	All	Mount- Spring, Red	048448503	1
188	All	Nut- 5/8-11	040500002	4
189	All	Screw- Cap, 3/8-16 X 1"	048878118	12
190	All	Washer- Lock, 3/8"	048164812	8
N/S	All	Screw- Tapping, 1/4-20	046093809	8

Section F- Supply Air Section

Fan Mounts- 40" Forward Curved Fan

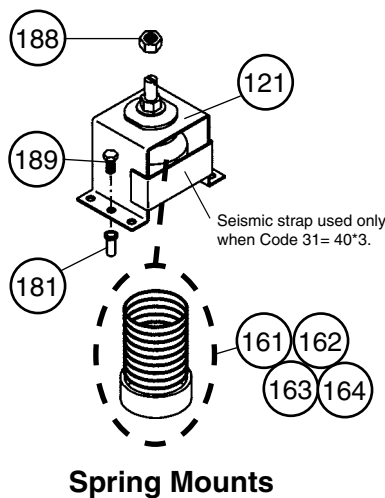
Code 31= 40F1, 40F2, 40F3, 40M1, 40M2, 40M3
11/04 & Later



Rubber Mounts (Code 31= 40F1, 40M1)

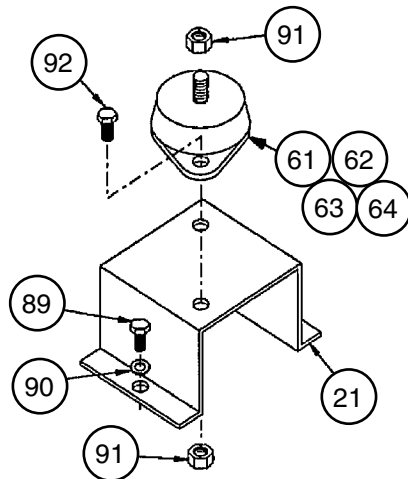
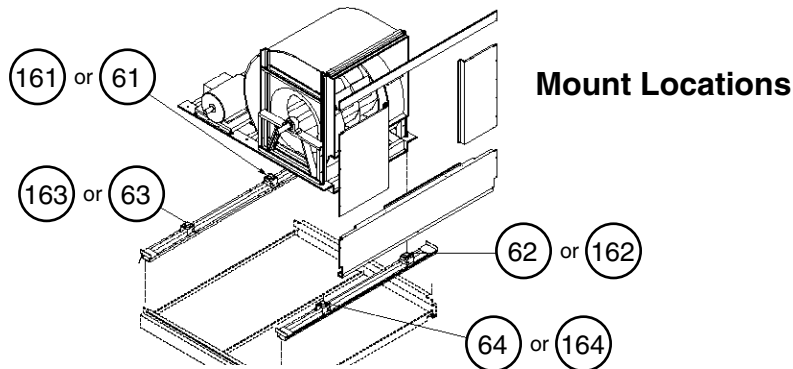
Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support	098316001	4
61	All	Rubber Mount- Red	021639701	1
62	All	Rubber Mount- Red	021639701	1
63	10- 25	Rubber Mount- Red	021639701	1
	30- 50	Rubber Mount- Green	021639703	1
	60, 75	Rubber Mount- Gray	021639705	1
64	All	Rubber Mount- Red	021639701	1
81	All	Nut	059992201	8
89	All	Screw	112047201	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8
93	All	Washer- Plain, 1/2"	048164812	8

**Spring Mounts (Code 31= 40F2, 40M2) AND
Seismic Spring (Code 31= 40F3, 40M3)**



Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Mount		
		Spring (C31= 40*2)	251783201	4
		Seismic (C31= 40*3)	251783301	4
161	10, 15	Spring Mount- Brown	251784801	1
	20- 50	Spring Mount- Red	251784901	1
	60, 75	Spring Mount- Red	251785001	1
162	10- 20	Spring Mount- Red	251784901	1
	25- 75	Spring Mount- Brown	251784801	1
163	10, 15	Spring Mount- Red	251784901	1
	20- 50	Spring Mount- Red/Black	251785001	1
	60, 75	Spring Mount- Red/Green	251785001	1
164	All	Spring Mount- Red/Black	251785001	1
181	All	Nut		
		Spring (C31= 40*2)	059992201	12
		Seismic (C31= 40*3)	111056301	20
188	All	Nut	040500002	4
189	All	Screw		
		Spring (C31= 40*2)	112047201	12
		Seismic (C31= 40*3)	112047201	20

Section F- Supply Air Section **Fan Mounts- 33" Airfoil Double Width Fan** **Code 31= 33A1, 33A2, 33A3, 33V1, 33V2, 33V3** **Until 11/04**



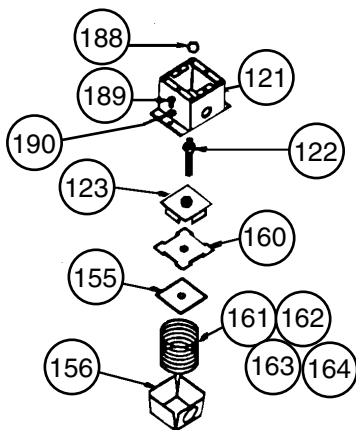
Rubber Mounts

Rubber Mounts (Code 31= 33A1, 33V1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support ¹	098316001	4
61	5, 7.5	Rubber Mount- Black	021639704	1
	10- 50	Rubber Mount- Red	021639701	1
62	All	Rubber Mount- Black	021639704	1
63	5- 25	Rubber Mount- Red	021639701	1
	30- 50	Rubber Mount- Green	021639703	1
64	5- 25	Rubber Mount- Black	021639704	1
	30- 50	Rubber Mount- Red	021639701	1
89	All	Screw- Cap, 3/8-16 X 1"	048878118	8
90	All	Washer- Lock, 3/8"	048164812	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8

¹ Prior to 5/02 p/n was 055512101.

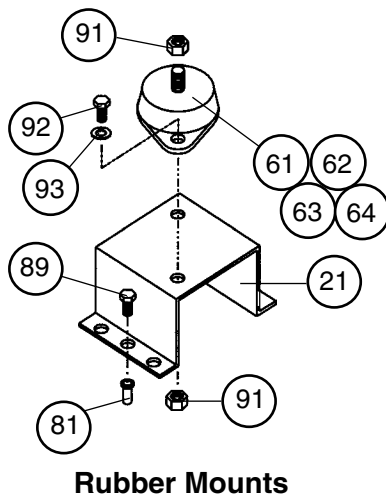
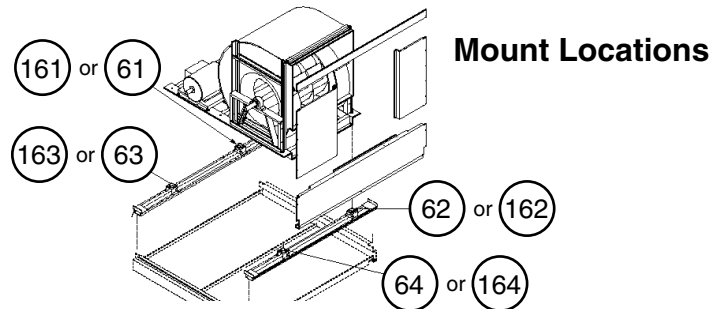
Spring Mounts (Code 31= 33A2, 33A3, 33V2, 33V3)



Spring Mounts

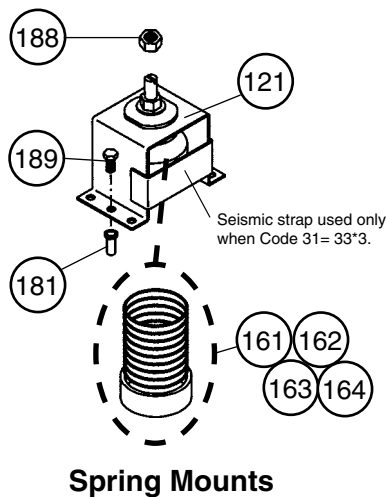
Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Support Assembly	055606901	4
122	All	Screw Adjust Assembly	055528201	4
123	All	Channel Assembly	055606801	4
155	All	Plate- Gasket Retainer	055502101	4
156	All	Support- Spring Locator	055502201	4
160	All	Pad- Rubber Vibration	048447901	4
161	5- 10	Mount- Spring, Black	048448502	1
	15, 20, 40, 50	Mount- Spring, Red	048448503	1
	25, 30	Mount- Spring, Green	048448504	1
162	All	Mount- Spring, Black	048448502	1
163	5	Mount- Spring, Black	048448502	1
	7.5- 20	Mount- Spring, Red	048448503	1
	25- 50	Mount- Spring, Green	048448504	1
164	All	Mount- Spring, Black	048448502	1
188	All	Nut- 5/8-11	040500002	4
189	All	Screw- Cap, 3/8-16 X 1"	048878118	12
190	All	Washer- Lock, 3/8"	048164812	8
N/S	All	Screw- Tapping, 1/4-20	046093809	8

Section F- Supply Air Section **Fan Mounts- 33" Airfoil Double Width Fan** **Code 31= 33A1, 33A2, 33A3, 33V1, 33V2, 33V3** **11/04 & Later**



Rubber Mounts (Code 31= 33A1, 33V1)

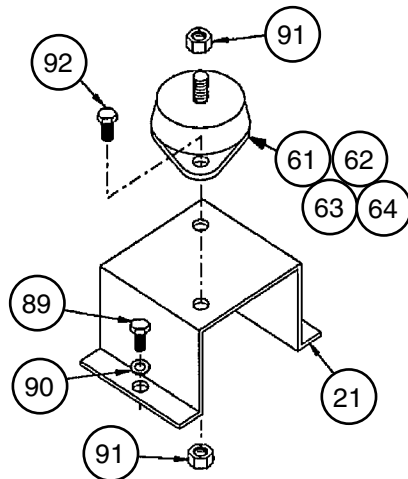
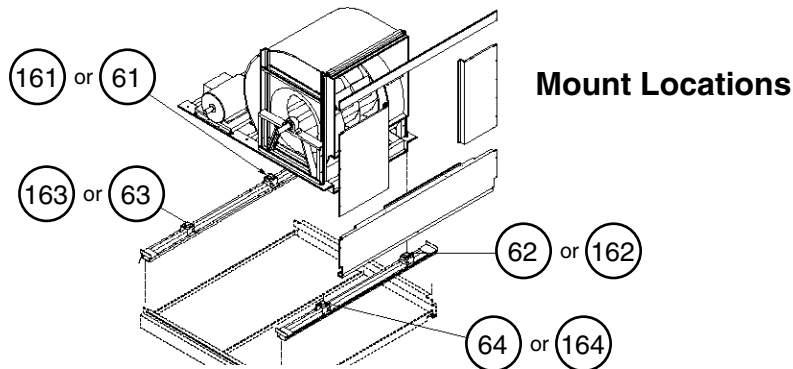
Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support	098316001	4
61	5, 7.5	Rubber Mount- Black	021639704	1
	10- 50	Rubber Mount- Red	021639701	1
62	All	Rubber Mount- Black	021639704	1
63	5- 25	Rubber Mount- Red	021639701	1
	30- 50	Rubber Mount- Green	021639703	1
64	5- 25	Rubber Mount- Black	021639704	1
	30- 50	Rubber Mount- Red	021639701	1
81	All	Nut	059992201	8
89	All	Screw	112047201	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8
93	All	Washer- Plain, 1/2"	048164812	8



**Spring Mounts (Code 31= 33A2, 33V2) AND
Seismic Spring (Code 31= 33A3, 33V3)**

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Mount		
		Spring (C31= 33*2)	251783201	4
		Seismic (C31= 33*3)	251783301	4
161	5 , 7.5	Spring Mount- Purple	251784701	1
	10- 30	Spring Mount- Brown	251784801	1
	40, 50	Spring Mount- Red	251784901	1
162	All	Spring Mount- Brown	251784801	1
163	5, 7.5	Spring Mount- Brown	251784801	1
	10- 30	Spring Mount- Red	251784901	1
	40, 50	Spring Mount- Red/Black	251785001	1
164	All	Spring Mount- Red	251784901	1
181	All	Nut		
		Spring (C31= 33*2)	059992201	12
		Seismic (C31= 33*3)	111056301	20
188	All	Nut	040500002	4
189	All	Screw		
		Spring (C31= 33*2)	112047201	12
		Seismic (C31= 33*3)	112047201	20

Section F- Supply Air Section **Fan Mounts- 36" Airfoil Double Width Fan** **Code 31= 36A1, 36A2, 36A3, 36V1, 36V2, 36V3** **Until 11/04**



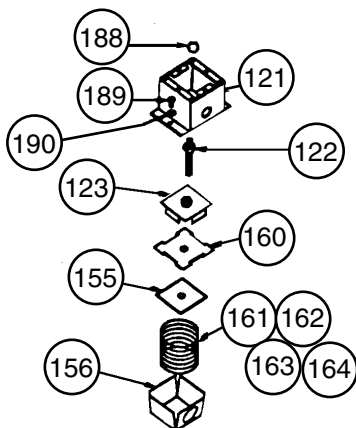
Rubber Mounts

Rubber Mounts (Code 31= 36A1, 36V1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support ¹	098316001	4
61	All	Rubber Mount- Red	021639701	1
62	10, 30- 50	Rubber Mount- Red	021639701	1
	20, 60, 75	Rubber Mount- Black	021639704	1
63	10- 25	Rubber Mount- Red	021639701	1
	30- 50	Rubber Mount- Green	021639703	1
	60, 75	Rubber Mount- Gray	021639705	1
64	All	Rubber Mount- Red	021639701	1
89	All	Screw- Cap, 3/8-16 X 1"	048878118	8
90	All	Washer- Lock, 3/8"	048164812	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8

¹ Prior to 5/02 p/n was 055512101.

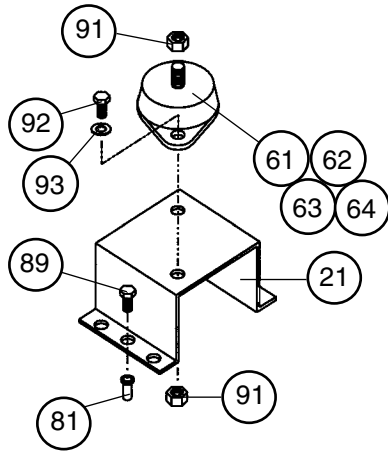
Spring Mounts (Code 31= 36A2, 36A3, 36V2, 36V3)



Spring Mounts

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Support Assembly	055606901	4
122	All	Screw Adjust Assembly	055528201	4
123	All	Channel Assembly	055606801	4
155	All	Plate- Gasket Retainer	055502101	4
156	All	Support- Spring Locator	055502201	4
160	All	Pad- Rubber Vibration	048447901	4
161	10- 60	Mount- Spring, Red	048448503	1
	75	Mount- Spring, Green	048448504	1
162	10	Mount- Spring, Red	048448503	1
	15- 60	Mount- Spring, Black	048448502	1
	75	Mount- Spring, Blue	048448501	1
163	10- 20	Mount- Spring, Red	048448503	1
	25- 75	Mount- Spring, Green	048448504	1
164	All	Mount- Spring, Red	048448503	1
188	All	Nut- 5/8-11	040500002	4
189	All	Screw- Cap, 3/8-16 X 1"	048878118	12
190	All	Washer- Lock, 3/8"	048164812	8
N/S	All	Screw- Tapping, 1/4-20	046093809	8

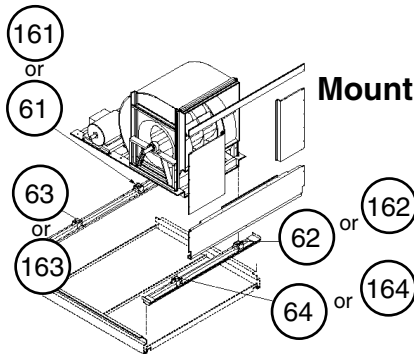
Section F- Supply Air Section **Fan Mounts- 36" Airfoil Double Width Fan** **Code 31= 36A1, 36A2, 36A3, 36V1, 36V2, 36V3** **11/04 & Later**



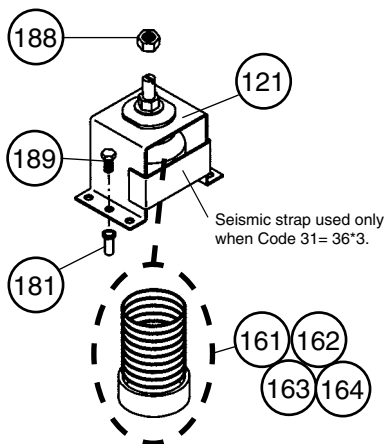
Rubber Mounts

Rubber Mounts (Code 31= 36A1, 36V1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support	098316001	4
61	All	Rubber Mount- Red	021639701	1
62	10, 30- 50	Rubber Mount- Red	021639701	1
	20, 60, 75	Rubber Mount- Black	021639704	1
63	10- 25	Rubber Mount- Red	021639701	1
	30- 50	Rubber Mount- Green	021639703	1
	60, 75	Rubber Mount- Gray	021639705	1
64	All	Rubber Mount- Red	021639701	1
81	All	Nut	059992201	8
89	All	Screw	112047201	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8
93	All	Washer- Plain, 1/2"	048164812	8



Mount Locations

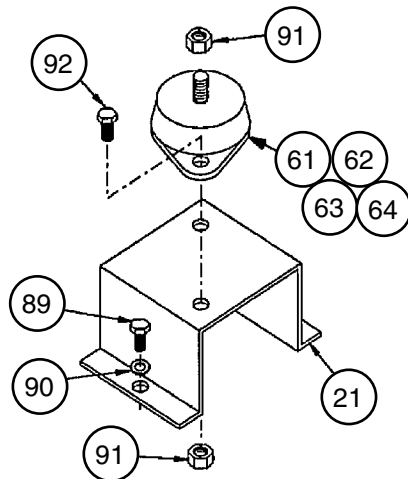
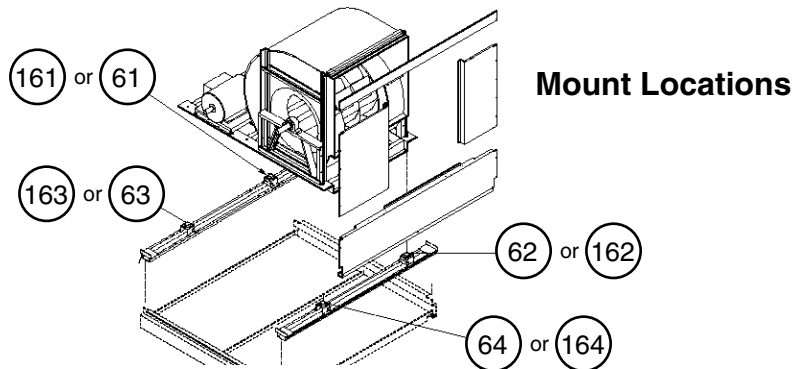


Spring Mounts

**Spring Mounts (Code 31= 36A2, 36V2) AND
Seismic Spring (Code 31= 36A3, 36V3)**

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Mount		
		Spring (C31= 36*2)	251783201	4
		Seismic (C31= 36*3)	251783301	4
161	10, 15	Spring Mount- Brown	251784801	1
	20- 50	Spring Mount- Red	251784901	1
	60, 75	Spring Mount- Red/Black	251785001	1
162	All	Spring Mount- Brown	251784801	1
163	10, 15	Spring Mount- Red	251784901	1
	20- 50	Spring Mount- Red/Black	251785001	1
	60, 75	Spring Mount- Red/Green	251785101	1
164	10- 20	Spring Mount- Red	251784901	1
	25- 75	Spring Mount- Red/Black	251785001	1
181	All	Nut		
		Spring (C31= 36*2)	059992201	12
		Seismic (C31= 36*3)	111056301	20
188	All	Nut	040500002	4
189	All	Screw		
		Spring (C31= 36*2)	112047201	12
		Seismic (C31= 36*3)	112047201	20

Section F- Supply Air Section **Fan Mounts- 40" Airfoil Double Width Fan** **Code 31= 40A1, 40A2, 40A3, 40V1, 40V2, 40V3** **Until 11/04**

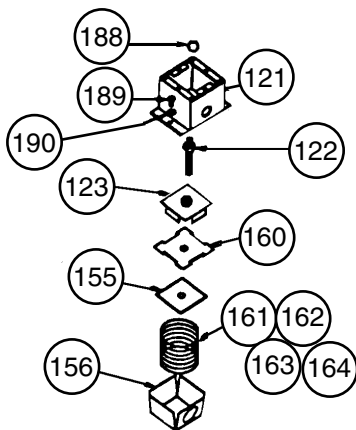


Rubber Mounts

Rubber Mounts (Code 31= 40A1, 40V1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support ¹	098316001	4
61	10- 50	Rubber Mount- Red	021639701	1
	60, 75	Rubber Mount- Green	021639703	1
62	10- 30	Rubber Mount- Red	021639701	1
	40- 75	Rubber Mount- Black	021639704	1
63	10, 15	Rubber Mount- Red	021639701	1
	20- 50	Rubber Mount- Green	021639703	1
	60, 75	Rubber Mount- Gray	021639705	1
64	All	Rubber Mount- Red	021639701	1
89	All	Screw- Cap, 3/8-16 X 1"	048878118	8
90	All	Washer- Lock, 3/8"	048164812	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8

¹ Prior to 5/02 p/n was 055512101.

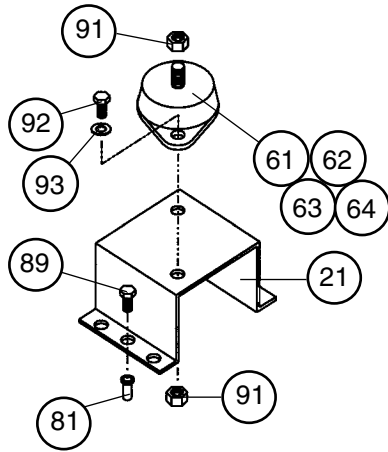


Spring Mounts

Spring Mounts (Code 31= 40A2, 40A3, 40V2, 40V3)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Support Assembly	055606901	4
122	All	Screw Adjust Assembly	055528201	4
123	All	Channel Assembly	055606801	4
155	All	Plate- Gasket Retainer	055502101	4
156	All	Support- Spring Locator	055502201	4
160	All	Pad- Rubber Vibration	048447901	4
161	10- 50	Mount- Spring, Red	048448503	1
	60, 75	Mount- Spring, Green	048448504	1
162	All	Mount- Spring, Black	048448502	1
163	10, 15	Mount- Spring, Red	048448503	1
	20- 75	Mount- Spring, Green	048448504	1
164	All	Mount- Spring, Red	048448503	1
188	All	Nut- 5/8-11	040500002	4
189	All	Screw- Cap, 3/8-16 X 1"	048878118	12
190	All	Washer- Lock, 3/8"	048164812	8
N/S	All	Screw- Tapping, 1/4-20	046093809	8

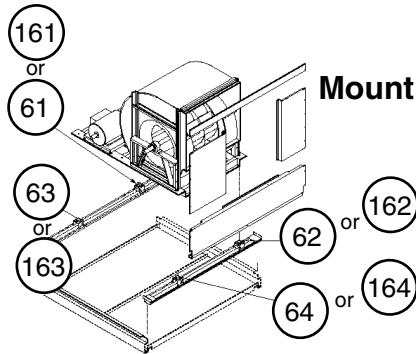
Section F- Supply Air Section **Fan Mounts- 40" Airfoil Double Width Fan** **Code 31= 40A1, 40A2, 40A3, 40V1, 40V2, 40V3** **11/04 & Later**



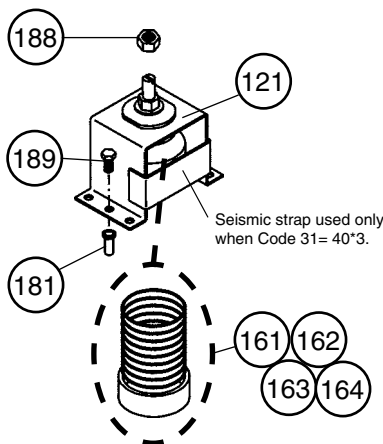
Rubber Mounts

Rubber Mounts (Code 31= 40A1, 40V1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support	098316001	4
61	10- 50	Rubber Mount- Red	021639701	1
	60, 75	Rubber Mount- Green	021639703	1
62	10- 30	Rubber Mount- Red	021639701	1
	40- 75	Rubber Mount- Black	021639704	1
63	10, 15	Rubber Mount- Red	021639701	1
	20- 50	Rubber Mount- Green	021639703	1
	60, 75	Rubber Mount- Gray	021639705	1
64	All	Rubber Mount- Red	021639701	1
81	All	Nut	059992201	8
89	All	Screw	112047201	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8
93	All	Washer- Plain, 1/2"	048164812	8



Mount Locations

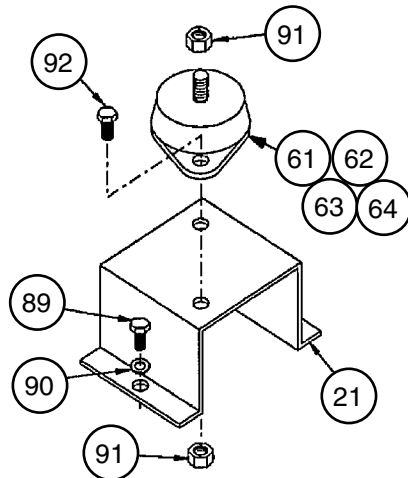
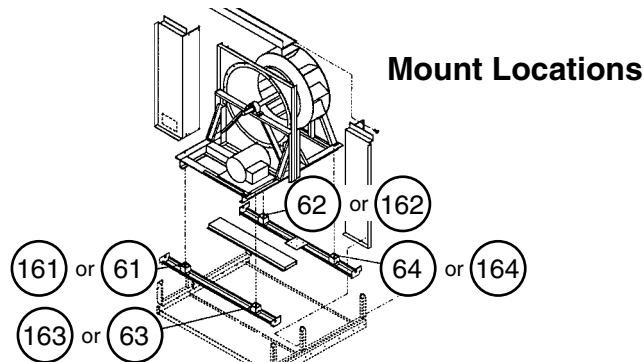


Spring Mounts

**Spring Mounts (Code 31= 40A2, 40V2) AND
Seismic Spring (Code 31= 40A3, 40V3)**

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Mount		
		Spring (C31= 40*2)	251783201	4
		Seismic (C31= 40*3)	251783301	4
161	10	Spring Mount- Brown	251784801	1
	15- 30	Spring Mount- Red	251784901	1
	40- 75	Spring Mount- Red/Black	251785001	1
162	All	Spring Mount- Brown	251784801	1
163	10	Spring Mount- Red	251784901	1
	15- 30	Spring Mount- Red/Black	251785001	1
	40- 75	Spring Mount- Red/Green	251785101	1
164	10- 20	Spring Mount- Red	251784901	1
	25- 75	Spring Mount- Red/Black	251785001	1
181	All	Nut		
		Spring (C31= 40*2)	059992201	12
		Seismic (C31= 40*3)	111056301	20
188	All	Nut	040500002	4
189	All	Screw		
		Spring (C31= 40*2)	112047201	12
		Seismic (C31= 40*3)	112047201	20

Section F- Supply Air Section **Fan Mounts- 44" AFSW- RDT Units** **Code 31= 44B1, 44B2, 44B3, 44W1, 44W2, 44W3** **Until 11/04**



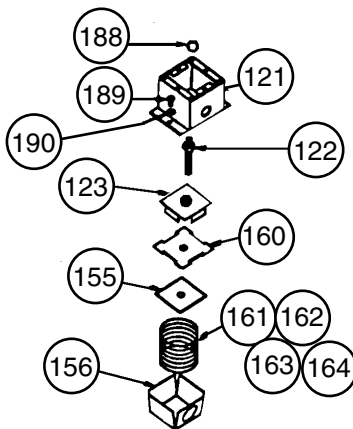
Rubber Mounts

Rubber Mounts (Code 31= 44B1, 44W1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support ¹	098316001	4
61	7.5- 25	Rubber Mount- Black	021639704	1
	30- 60	Rubber Mount- Red	021639701	1
62	All	Rubber Mount- Red	021639701	1
63	7.5, 10	Rubber Mount- Black	021639704	1
	15- 50	Rubber Mount- Red	021639701	1
	60	Rubber Mount- Green	021639703	1
64	All	Rubber Mount- Red	021639701	1
89	All	Screw- Cap, 3/8-16 X 1"	048878118	8
90	All	Washer- Lock, 3/8"	048164812	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8

¹ Prior to 5/02 p/n was 055512101.

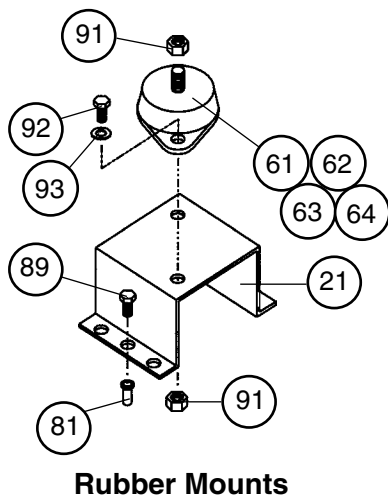
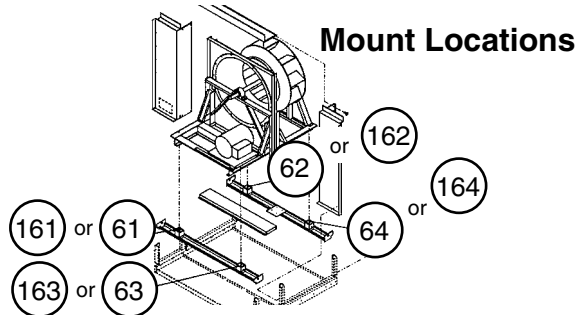
Spring Mounts (Code 31= 44B2, 44B3, 44W2, 44W3)



Spring Mounts

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Support Assembly	055606901	4
122	All	Screw Adjust Assembly	055528201	4
123	All	Channel Assembly	055606801	4
155	All	Plate- Gasket Retainer	055502101	4
156	All	Support- Spring Locator	055502201	4
160	All	Pad- Rubber Vibration	048447901	4
161	7.5- 40	Mount- Spring, Black	048448502	1
	50, 60	Mount- Spring, Red	048448503	1
162	7.5- 30	Mount- Spring, Red	048448503	1
	40- 60	Mount- Spring, Black	048448502	1
163	7.5- 20	Mount- Spring, Black	048448502	1
	25- 50	Mount- Spring, Red	048448503	1
	60	Mount- Spring, Green	048448504	1
164	All	Mount- Spring, Red	048448503	1
188	All	Nut- 5/8-11	040500002	4
189	All	Screw- Cap, 3/8-16 X 1"	048878118	12
190	All	Washer- Lock, 3/8"	048164812	8
N/S	All	Screw- Tapping, 1/4-20	046093809	8

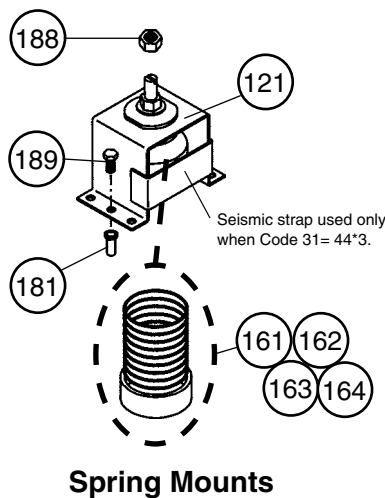
Section F- Supply Air Section **Fan Mounts- 44" AFSW- Draw-Thru/No Heat Units** **Code 31= 44B1, 44B2, 44B3, 44W1, 44W2, 44W3** **11/04 & Later**



Rubber Mounts (Code 31= 44B1, 44W1)

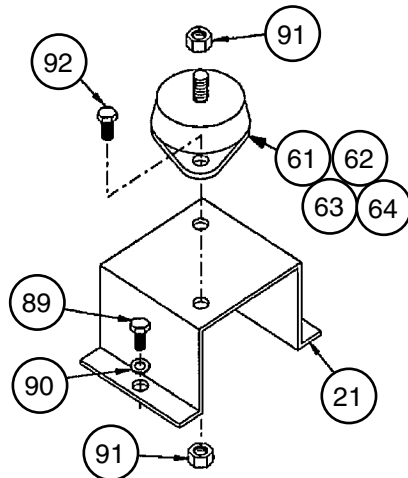
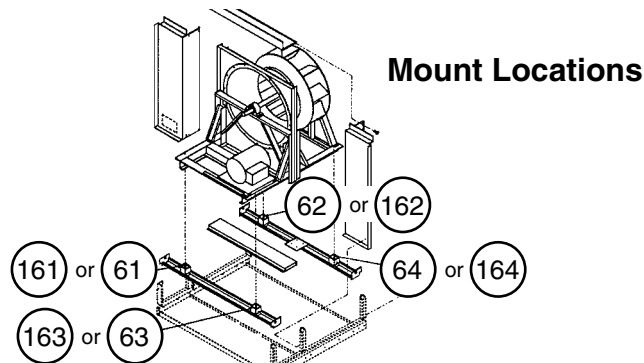
Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support	098316001	4
61	7.5- 25	Rubber Mount- Black	021639704	1
	30- 60	Rubber Mount- Red	021639701	1
62	All	Rubber Mount- Red	021639701	1
63	7.5, 10	Rubber Mount- Black	021639704	1
	15- 50	Rubber Mount- Red	021639701	1
	60	Rubber Mount- Green	021639703	1
64	All	Rubber Mount- Red	021639701	1
81	All	Nut	059992201	8
89	All	Screw	112047201	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8
93	All	Washer- Plain, 1/2"	048164812	8

**Spring Mounts (Code 31= 44B2, 44W2) AND
Seismic Spring (Code 31= 44B3, 44W3)**



Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Mount		
		Spring (C31= 44*2)	251783201	4
		Seismic (C31= 44*3)	251783301	4
161	7.5- 20	Spring Mount- Purple	251784701	1
	25- 50	Spring Mount- Brown	251784801	1
	60	Spring Mount- Red	251784901	1
162	All	Spring Mount- Brown	251784801	1
163	7.5- 25	Spring Mount- Brown	251784801	1
	30- 50	Spring Mount- Red	251784901	1
	60	Spring Mount- Red/Black	251785001	1
164	All	Spring Mount- Red	251784901	1
181	All	Nut		
		Spring (C31= 44*2)	059992201	12
		Seismic (C31= 44*3)	111056301	20
188	All	Nut	040500002	4
189	All	Screw		
		Spring (C31= 44*2)	112047201	12
		Seismic (C31= 44*3)	112047201	20

Section F- Supply Air Section **Fan Mounts- 49" AFSW- RDT Units** **Code 31= 49B1, 49B2, 49B3, 49W1, 49W2, 49W3** **Until 11/04**



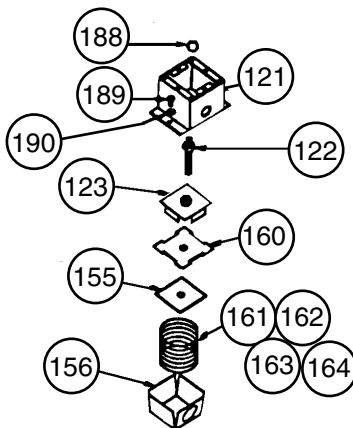
Rubber Mounts

Rubber Mounts (Code 31= 49B1, 49W1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support ¹	098316001	4
61	All	Rubber Mount- Red	021639701	1
62	All	Rubber Mount- Red	021639701	1
63	7.5- 30	Rubber Mount- Red	021639701	1
	40- 75	Rubber Mount- Green	021639703	1
64	7.5- 30	Rubber Mount- Red	021639701	1
	40- 75	Rubber Mount- Green	021639703	1
89	All	Screw- Cap, 3/8-16 X 1"	048878118	8
90	All	Washer- Lock, 3/8"	048164812	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8

¹ Prior to 5/02 p/n was 055512101.

Spring Mounts (Code 31= 49B2, 49B3, 49W2, 49W3)



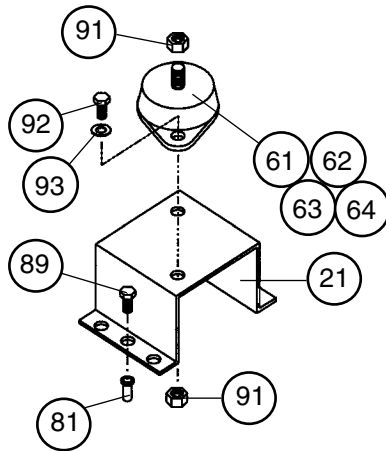
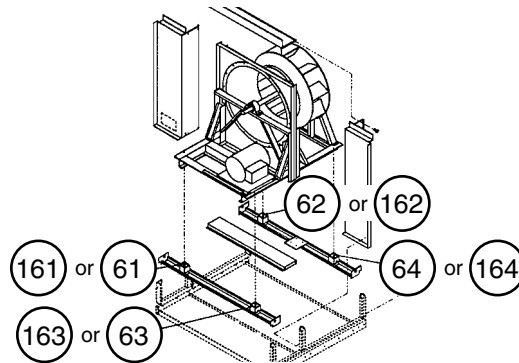
Spring Mounts

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Support Assembly	055606901	4
122	All	Screw Adjust Assembly	055528201	4
123	All	Channel Assembly	055606801	4
155	All	Plate- Gasket Retainer	055502101	4
156	All	Support- Spring Locator	055502201	4
160	All	Pad- Rubber Vibration	048447901	4
161	7.5- 60	Mount- Spring, Red	048448503	1
	75	Mount- Spring, Green	048448504	1
162	All	Mount- Spring, Red	048448503	1
163	7.5- 30	Mount- Spring, Red	048448503	1
	40- 75	Mount- Spring, Green	048448504	1
164	7.5	Mount- Spring, Red	048448503	1
	10- 75	Mount- Spring, Green	048448504	1
188	All	Nut- 5/8-11	040500002	4
189	All	Screw- Cap, 3/8-16 X 1"	048878118	12
190	All	Washer- Lock, 3/8"	048164812	8
N/S	All	Screw- Tapping, 1/4-20	046093809	8

Section F- Supply Air Section

Fan Mounts- 49" AFSW- RDT Units

Code 31= 49B1, 49B2, 49B3, 49W1, 49W2, 49W3
11/04 & Later

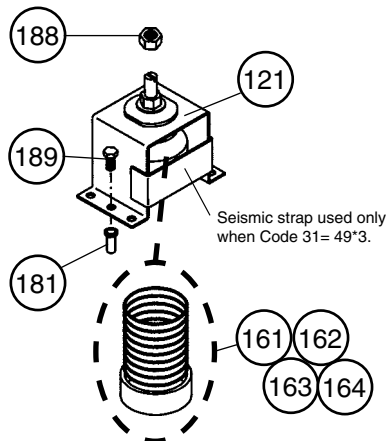


Rubber Mounts

Rubber Mounts (Code 31= 49B1, 49W1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support	098316001	4
61	All	Rubber Mount- Red	021639701	1
62	All	Rubber Mount- Red	021639701	1
63	7.5- 30	Rubber Mount- Red	021639701	1
	40- 75	Rubber Mount- Green	021639703	1
64	7.5- 30	Rubber Mount- Red	021639701	1
	40- 75	Rubber Mount- Green	021639703	1
81	All	Nut	059992201	8
89	All	Screw	112047201	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8
93	All	Washer- Plain, 1/2"	048164812	8

**Spring Mounts (Code 31= 49B2, 49W2) AND
Seismic Spring (Code 31= 49B3, 49W3)**



Spring Mounts

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Mount		
		Spring (C31= 49*2)	251783201	4
		Seismic (C31= 49*3)	251783301	4
161	7.5- 30	Spring Mount- Red	251784901	1
	40, 50	Spring Mount- Red/Black	251785001	1
	60, 75	Spring Mount- Red/Green	251785101	1
162	All	Spring Mount- Red/Black	251785001	1
163	7.5- 20	Spring Mount- Red	251784901	1
	25- 75	Spring Mount- Red/Black	251785001	1
164	All	Spring Mount- Red/Black	251785001	1
181	All	Nut		
		Spring (C31= 49*2)	059992201	12
		Seismic (C31= 49*3)	111056301	20
188	All	Nut	040500002	4
189	All	Screw		
		Spring (C31= 49*2)	112047201	12
		Seismic (C31= 49*3)	112047201	20

Section F- Supply Air Section

Supply Air Fan Motors ¹

H.P.	Motor HP C32=	Unit Voltage	ODP HiEff C32= *EY	ODP PrEff. C32= *JY	TEFC HiEff C32= *HY	TEFC PrEff C32= *KY
		C09= 12				
5	J*Y	208/60/3	039447600	065817200	049186800	065819500
7.5	K*Y	208/60/3	037530300	065817300	047665900	065819600
10	L*Y	208/60/3	038999000	065817400	047666100	065819700
15	M*Y	208/60/3	039896200	065817500	049186900	065819800
20	N*Y	208/60/3	039895800	065817600	049187000	065819900
25	P*Y	208/60/3	039448900	065817700	049187100	065820000
30	Q*Y	208/60/3	041775200	205066500	049187200	205066800
40	R*Y	208/60/3	041775300	205067100	049187300	205070700
50	S*Y	208/60/3	041775400	205067500	049187400	205091600
60	T*Y	208/60/3	041775800	205067700	049187500	²
75	U*Y	208/60/3	041775700	205069100	049187600	²
		C09= 29				
5	J*Y	230/60/3	039442500	065818200	040161200	065820200
7.5	K*Y	230/60/3	039448700	065818300	049100500	065820300
10	L*Y	230/60/3	039446500	065818400	044691100	065820400
15	M*Y	230/60/3	039446600	065818500	038689700	065820500
20	N*Y	230/60/3	039448800	065818600	040161300	065820600
25	P*Y	230/60/3	039896100	065818700	040161400	065820700
30	Q*Y	230/60/3	040626800	205066600	049025300	205066900
40	R*Y	230/60/3	041770000	205067200	048448000	205069200
50	S*Y	230/60/3	039899200	205067600	040161600	205069400
60	T*Y	230/60/3	041775500	065819100	046748300	²
75	U*Y	230/60/3	041775600	205070300	049187800	²
		C09= 27				
5	J*Y	460/60/3	039442500	065818200	040161200	065820200
7.5	K*Y	460/60/3	039448700	065818300	049100500	065820300
10	L*Y	460/60/3	039446500	065818400	044691100	065820400
15	M*Y	460/60/3	039446600	065818500	038689700	065820500
20	N*Y	460/60/3	039448800	065818600	040161300	065820600
25	P*Y	460/60/3	039896100	065818700	040161400	065820700
30	Q*Y	460/60/3	040626800	205066600	049025300	205066900
40	R*Y	460/60/3	041770000	205067200	048448000	205069200
50	S*Y	460/60/3	039899200	205067600	040161600	205069400
60	T*Y	460/60/3	041775500	065819100	046748300	205069600
75	U*Y	460/60/3	041775600	205070300	049187800	205069900
		C09= 37				
5	J*Y	575/60/3	046741900	205168900	049188400	046514600
7.5	K*Y	575/60/3	047443300	205168800	049188500	046514700
10	L*Y	575/60/3	047443400	205168600	049188600	065821400
15	M*Y	575/60/3	047443500	205166600	049185200	065821500
20	N*Y	575/60/3	049181100	205166800	049188700	065821600
25	P*Y	575/60/3	049181200	205166900	049188800	065821700
30	Q*Y	575/60/3	049181300	205066700	049188900	205067000
40	R*Y	575/60/3	049181400	205067300	049189000	205069300
50	S*Y	575/60/3	049181500	205091800	049189100	205069500
60	T*Y	575/60/3	049181600	205069000	049189200	205069800
75	U*Y	575/60/3	049181800	205070400	049189300	205070000

¹ All motors listed are Across-The-Line start (Code 10= AL, PW). There are a small number of units that have Part-Winding start motors (Code 10= PP, PS). These units have motors 15HP and greater and are 208V or 230V only. Contact Daikin Applied if a PW replacement motor is needed. Note that Standard Efficiency Motors (Code 22= *AY, *GY) are no longer available. Use High (HiEff.) or Premium Efficiency (PrEff.) instead.

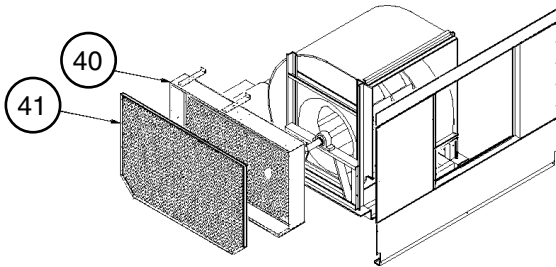
² 60 AND 75 HP motors are not available in 208/230V (Code 09= 12, 29).

Section F- Supply Air Section

Belt Guard

Code 49= A, C, D, F

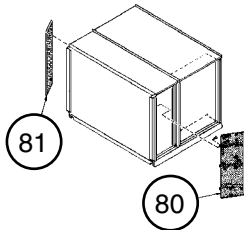
Air Foil Double Width (AFDW) OR Forward Curved Fans (FCLP, FCMP)



Ref. No.	Part Description	Part Number	Fan Size		
			33"	36"	40"
40	Grille Assembly	055606004	1		
	Grille Assembly	055606005		1	
	Grille Assembly	055606006			1
41	Belt Guard Assembly	055606014	1		
	Belt Guard Assembly	055606015		1	
	Belt Guard Assembly	055606016			1

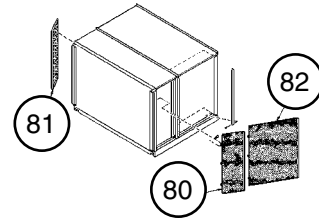
Air Foil Single Width (AFSW) with Side Discharge (Code 40= HY), Main Control Box (Code 08= S, F)

The Main Control Box is mounted in this section on RDT units (the supply air section is mounted directly to the condenser section).



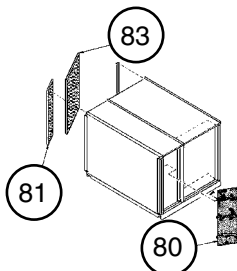
Air Foil Single Width (AFSW) with Side Discharge (Code 40= SY), No Control Box (Code 08= P, D)

RPS units (Main Control Box is mounted in the Discharge Plenum Section K).



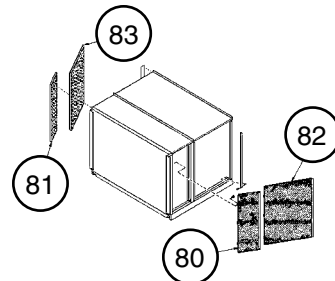
Air Foil Single Width (AFSW) with Bottom Discharge (Code 40= G*), Main Control Box (Code 08= S, F)

The Main Control Box is mounted in this section on RDT units (the supply air section is mounted directly to the condenser section).



Air Foil Single Width (AFSW) with Bottom Discharge (Code 40= B*), No Control Box (Code 08= P, D)

RPS units (Main Control Box is mounted in the Discharge Plenum Section K).



Ref. No.	Part Description	Part Number	Fan Size	
			44"	49"
80	Grille Assy	056259211	1	
	Grille Assy	056259221		1
81	Grille Assy	056259212	1	
	Grille Assy	056259222		1
82	Grille Assy	056259213	1	1
83	Grille Assy	056259214	1	1

Section F- Supply Air Section

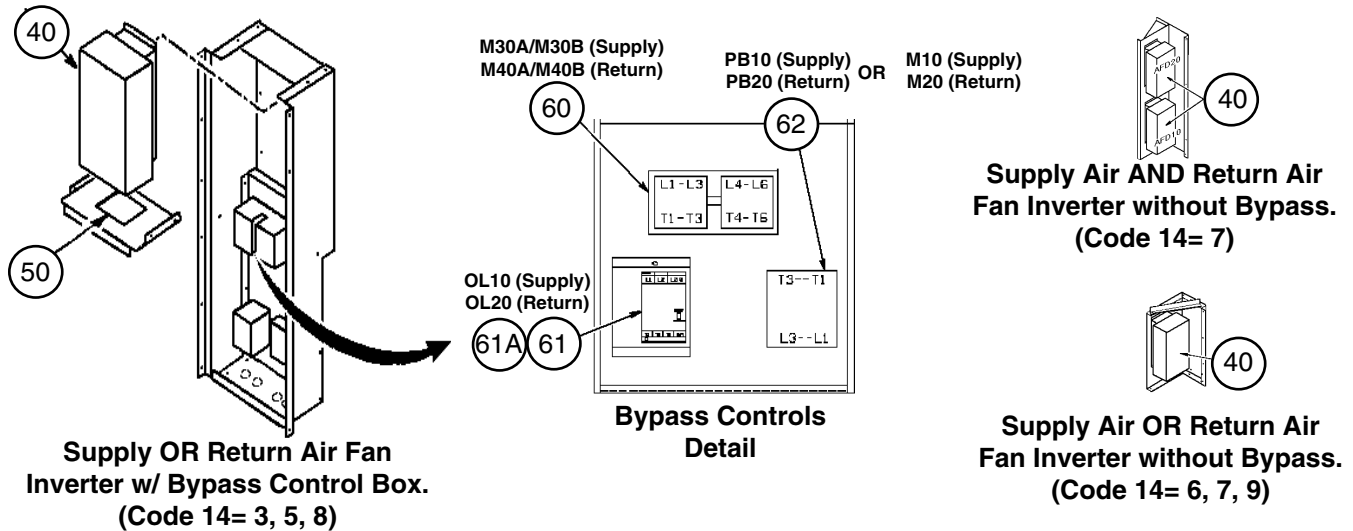
Inverters & Inverter Bypass Control Box

Until 3/05 (Code 08= P) ³

Motor HP 5- 25 (Code 22 OR Code 32= J*Y, K*Y L*Y, M*Y, N*Y, P*Y)

Inverters may be located in a separate section (Code 14= 1, 2, 4, only Inverters WITH bypass may be installed in a separate section), or the Supply Air Section (Code 14= 3, 5, 6, 7, 8, 9). The inverter and bypass controls are the same regardless of the installation location, although the sheet metal components differ. The diagrams shown below apply to either a Return Air or Supply Air Inverter (both may be installed if Code 14= 5). Even if Code 14= 8, 9— where only a Return Air Fan Inverter is called for— The inverter and bypass controls are still installed in the Supply Air Section.

³ If the unit was built between 10/04- 3/05 Contact Daikin Applied to confirm installed components.



Ref No.	Sch. Sym.	Part Description	Part Number	Motor Horsepower																			
				5				7.5, 10				15				20				25			
				208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V
40	AFD10, 20	Inverter	see Inverter section																				
50		Gasket	055940207	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
60	M30AB	Contactor	066814301	1	1	1	1			1	1												
	M40AB		066814303					1	1					1	1			1	1				
			066814304									1	1									1	1
			066814305														1						
			066814306													1					1		
			066814307																	1			
61	OL10, 20	Overload	1																				
61A		Heater- OL	1																				
62	PB10, 20	Power Block	030372715	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	M10, 20	Contactor	2																				

¹ For part numbers for OL10, OL20 and associated Heater see "Section N- Main Control Box Power Panel Until 3/05".

² The Inverter Bypass Box originally had a Contactor (M10 and/or M20) installed. This was replaced with a Power Block. If a Contactor is needed see "Section N- Main Control Box Power Panel Until 3/05" for part number(s).

Section F- Supply Air Section

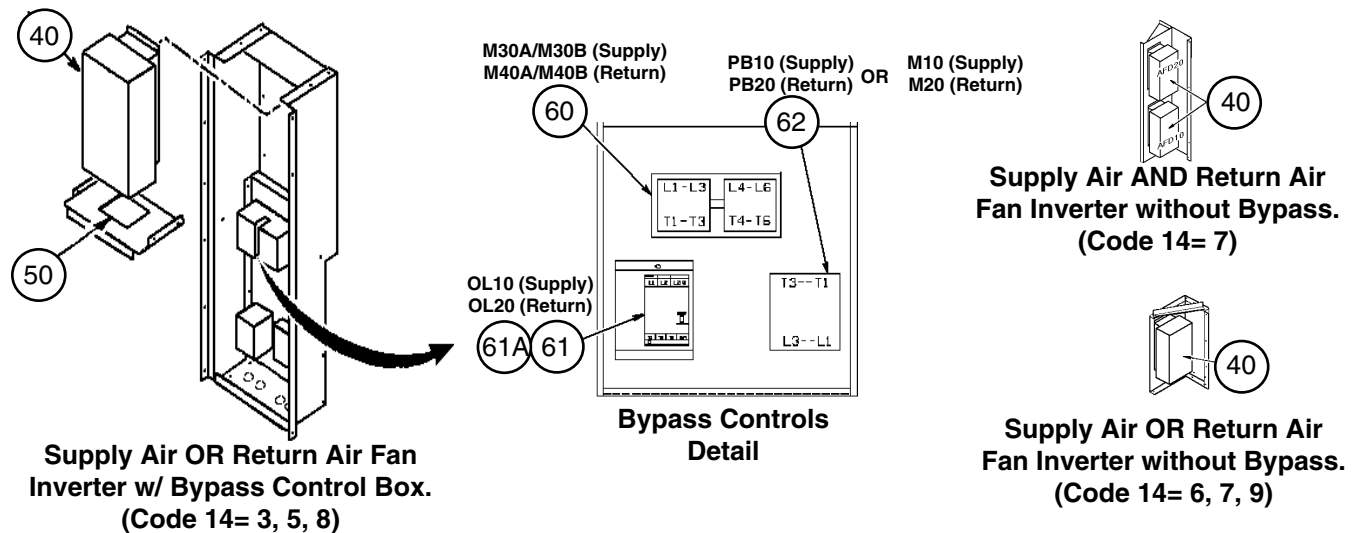
Inverters & Inverter Bypass Control Box

Until 3/05 (Code 08= P) ³

Motor HP 30- 75 (Code 22= Q*Y, R*Y, S*Y, T*Y OR Code 32= Q*Y, R*Y, S*Y, T*Y, U*Y)

Inverters may be located in a separate section (Code 14= 1, 2, 4, only Inverters WITH bypass may be installed in a separate section), or the Supply Air Section (Code 14= 3, 5, 6, 7, 8, 9). The inverter and bypass controls are the same regardless of the installation location, although the sheet metal components differ. The diagrams shown below apply to either a Return Air or Supply Air Inverter (both may be installed if Code 14= 5). Even if Code 14= 8, 9— where only a Return Air Fan Inverter is called for— The inverter and bypass controls are still installed in the Supply Air Section.

³ If the unit was built between 10/04- 3/05 Contact Daikin Applied to confirm installed components.



Ref No.	Sch. Sym.	Part Description	Part Number	Motor Horsepower											
				30				40				50			
				208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V
40	AFD10, 20	Inverter	see Inverter section												
50		Gasket	055940207	1	1	1	1	1	1	1	1	1	1	1	1
60	M30AB	Contactor	066814304			1	1			1	1				
	M40AB		066814306						1	1					
			066814307		1								1	1	
			066814308	1				1						1	1
61	OL10, 20	Overload	¹												
61A		Heater- OL	¹												
62	PB10,20	Power Block	030372715	1	1	1	1	1	1	1	1	1	1	1	1
	M10, 20	Contactor	²												

¹ For part numbers for OL10, OL20 and associated Heater see "Section N- Main Control Box Power Panel Until 3/05".

² The Inverter Bypass Box originally had a Contactor (M10 and/or M20) installed. This was replaced with a Power Block. If a Contactor is needed see "Section N- Main Control Box Power Panel Until 3/05" for part number(s).

Section F- Supply Air Section

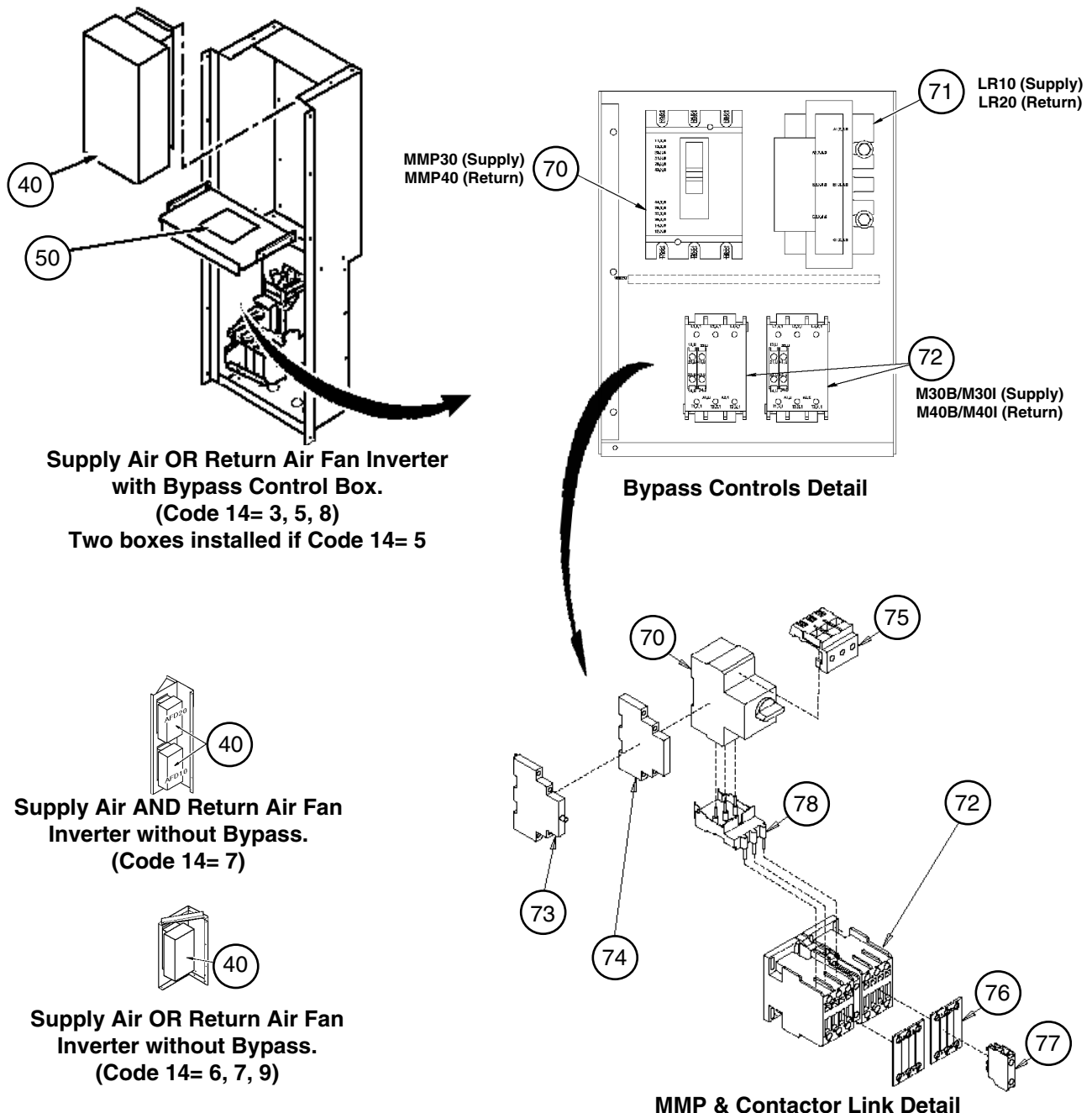
Inverters & Inverter Bypass Control Box

3/05 thru 10/06 (Code 08= D, F) ¹

Motor HP 5 (Code 22 OR Code 32= J*Y) Diagrams

Inverters may be located in a separate section (Code 14= 1, 2, 4, only inverters WITH bypass may be installed in a separate section), or the Supply Air Section (Code 14= 3, 5, 6, 7, 8, 9). The inverter and bypass controls are the same regardless of the installation location, although the sheet metal components differ. The diagrams shown below apply to either a Return Air or Supply Air Inverter (both may be installed if Code 14= 5). Even if Code 14= 8, 9— where only a Return Air Fan Inverter is called for— The inverter and bypass controls are still installed in the Supply Air Section.

¹ If the unit was built 10/04 thru 3/05 OR 10/06 thru 12/06 contact Daikin Applied to confirm installed components.



Section F- Supply Air Section

Inverters & Inverter Bypass Control Box

3/05 thru 10/06 (Code 08= D, F) ¹

Motor HP 5 (Code 22 OR Code 32= J*Y) Components

¹ If the unit was built 10/04 thru 3/05 OR 10/06 thru 12/06 contact Daikin Applied to confirm installed components.

Ref No.	Sch. Sym.	Part Description	Part Number	Motor HP			
				5			
				208V	230V	460V	575V
40	AFD10, 20	Inverter- see Inverter section					
50		Gasket	055940207	1	1	1	1
70	MMP30, 40	Motor Control	349934009				1
			349934010			1	
			349934012	1	1		
71	LR10, 20	Line Reactor- see page after inverters					
72	M30B, I	Contactor	349933102			1	1
	M40B, I		349933201		1		
			349933301	1			
73		Alarm- Short Circuit	349933903	1	1	1	1
74		Alarm/Aux. Contact	349933902	1	1	1	1
75		Line Shield	349933001	1	1	1	1
76		Cover- Contactor	349932801			2	2
			349932802		2		
			349932803	2			
77		Aux. Contact Block	N/A				
78		Link Module	349932902			1	1
			349932903		1		
			349932904	1			

N/A= Not Applicable.

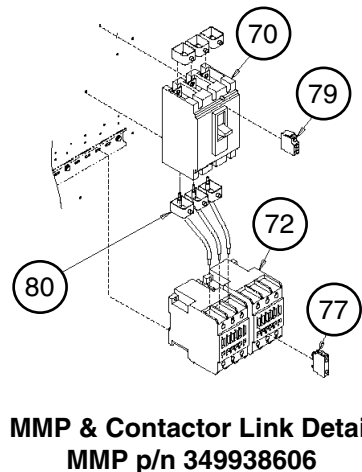
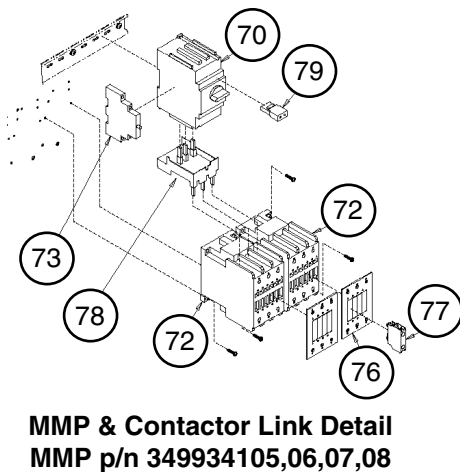
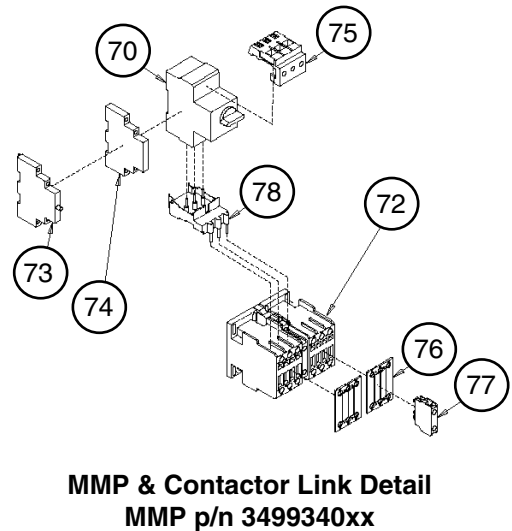
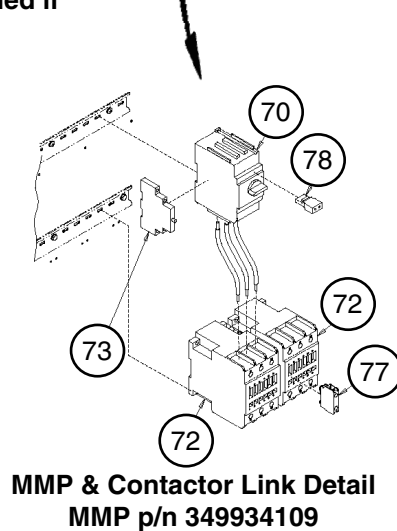
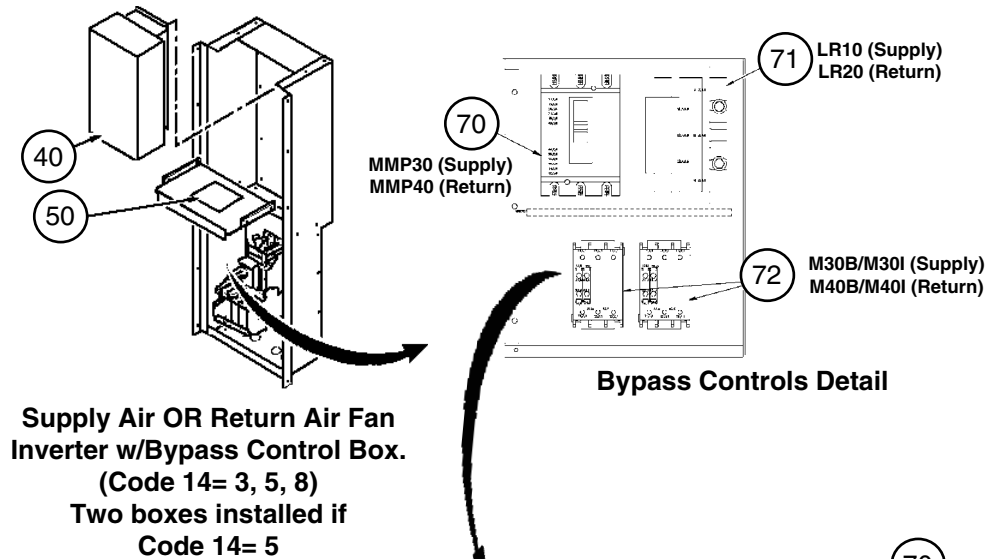
Section F- Supply Air Section

Inverters & Inverter Bypass Control Box

3/05 thru 10/06 (Code 08= D, F) ¹

Motor HP 7.5- 25 (Code 22 OR Code 32= K*Y, L*Y, M*Y, N*Y, P*Y) Diagrams

¹ If the unit was built 10/04 thru 3/05 OR 10/06 thru 12/06 contact Daikin Applied to confirm installed components.



Section F- Supply Air Section

Inverters & Inverter Bypass Control Box

3/05 thru 10/06 (Code 08= D, F) ¹

Motor HP 7.5- 25 (Code 22 OR Code 32= K*Y, L*Y, M*Y, N*Y, P*Y) Components

¹ If the unit was built 10/04 thru 3/05 OR 10/06 thru 12/06 contact Daikin Applied to confirm installed components.

Ref No.	Sch. Sym.	Part Description	Part Number	Motor Horsepower																			
				7.5				10				15				20				25			
				208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V
40	AFD10, 20	Inverter- see Inverter section																					
50		Gasket	055940207	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
70	MMP30, 40	Motor Control	349934010				1																
			349934011			1				1													
			349934012							1													
			349934013													1							
			349934014		1										1								
			349934105	1											1					1			
			349934106					1	1								1					1	
			349934107																		1		
			349934108									1	1										
			349934109													1	1			1			
			349938606																1				
71	LR10, 20	Line Reactor- see page after inverters																					
72	M30B, I	Contactor	349933102			1	1				1												
	M40B, I		349933201							1													
			349933301		1									1	1								
			349933401	1																			
			349933501					1	1			1	1					1	1			1	
			349933601													1	1			1	1		
73		Alarm- Short Circuit	349933903	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	
74		Alarm/Aux. Contact	349933902		1	1	1			1	1			1	1								
75		Line Shield	349933001		1	1	1			1	1			1	1								
76		Cover- Contactor	349932801			2	2				2												
			349932802							2													
			349932803		2										2	2							
			349932804	2																			
			349932805					2	2			2	2					2	2			2	
77		Aux. Contact Block	349933804	1				1	1			1	1			1	1	1	1		1	1	
78		Link Module	349932902			1	1				1												
			349932903							1													
			349932904		1										1	1							
			349932906	1																			
			349932907					1	1			1	1					1	1			1	
79		Aux. Contact	349938701																	1			
80		Lug	349938801																	6			

Section F- Supply Air Section

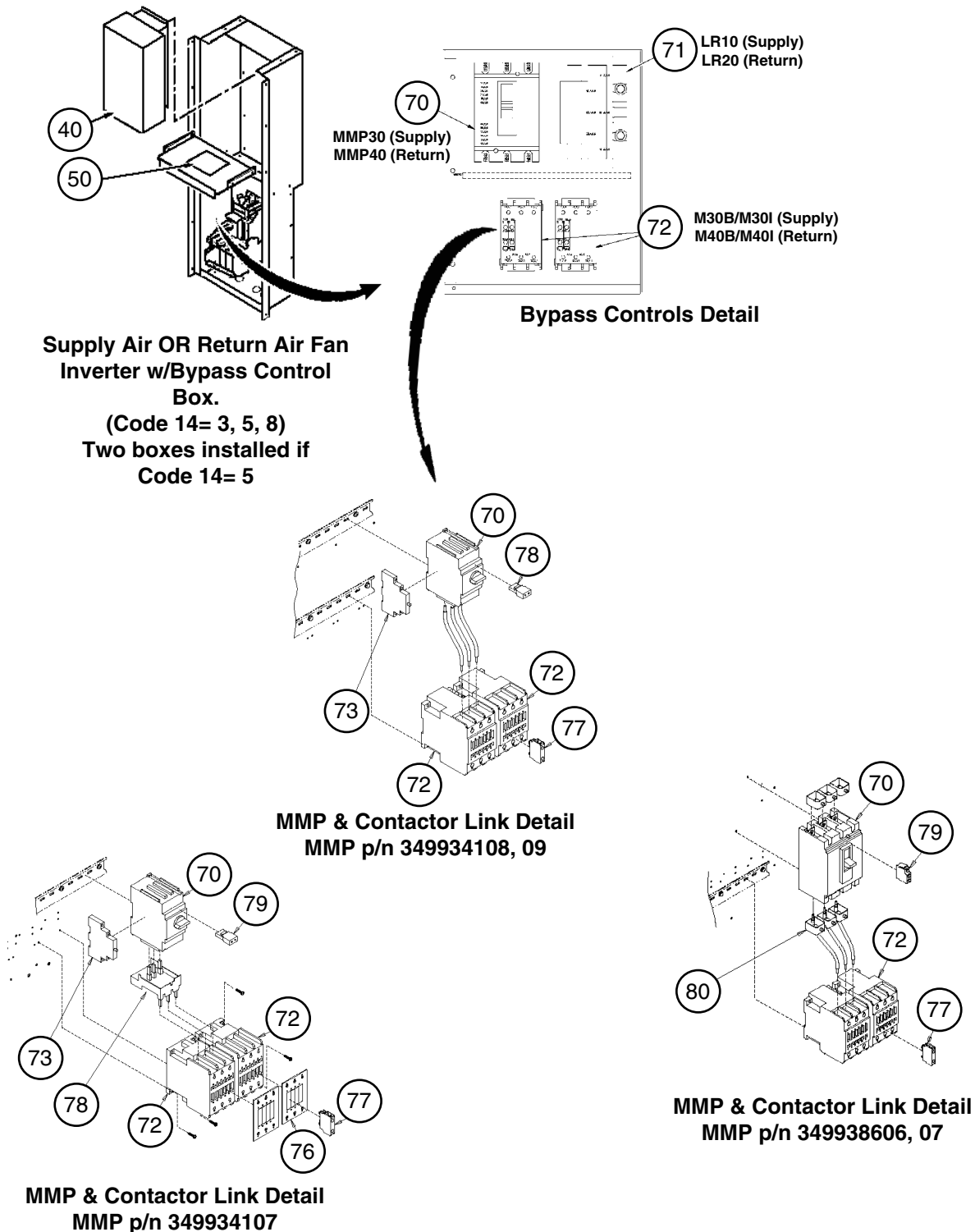
Inverters & Inverter Bypass Control Box

3/05 thru 10/06 (Code 08= D, F) ¹

Motor HP 30- 75 (Code 22= Q*Y, R*Y, S*Y, T*Y OR Code 32= Q*Y, R*Y, S*Y, T*Y, U*Y)

Diagrams

¹ If the unit was built 10/04 thru 3/05 OR 10/06 thru 12/06 contact Daikin Applied to confirm installed components.



Section F- Supply Air Section

Inverters & Inverter Bypass Control Box

3/05 thru 10/06 (Code 08= D, F) ²

Motor HP 30- 75 (Code 22= Q*Y, R*Y, S*Y, T*Y OR Code 32= Q*Y, R*Y, S*Y, T*Y, U*Y)
Components

² If the unit was built 10/04 thru 3/05 OR 10/06 thru 12/06 contact Daikin Applied to confirm installed components.

Ref No.	Sch. Sym.	Part Description	Part Number	Motor Horsepower																			
				30				40				50				60				75			
				208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V
40	AFD10, 20	Inverter- see Inverter section																					
50		Gasket	055940207	1	1	1	1	1	1	1	1			1	1			1	1			1	1
70	MMP30	Motor Control	349934107			1	1				1												
	MMP40		349934108												1								
			349934109							1				1					1				
			349938606	1	1													1				1	
			349938607					1	1														
71	LR10, 20	Line Reactor- see page after inverters																					
72	M30B, I	Contactor	349933501				1																
	M40B, I		349933502			1					1												
			349933601		1					1				1	1			1					
			349933602	1					1										1			1	
			349933701					1															
73		Alarm- Short Circuit	349933903			1	1			1	1			1	1				1				
76		Cover- Contactor	349932805			1	1				1												
77		Aux. Contact Block	349933804			1	1			1	1			1	1				1				
78		Link Module	349932907			1	1				1												
79		Aux. Contact	349938701	1	1			1	1									1				1	
80		Lug	349938801	6	6			3 ¹	3 ¹									6				6	

¹ Also requires 3 ring terminals.

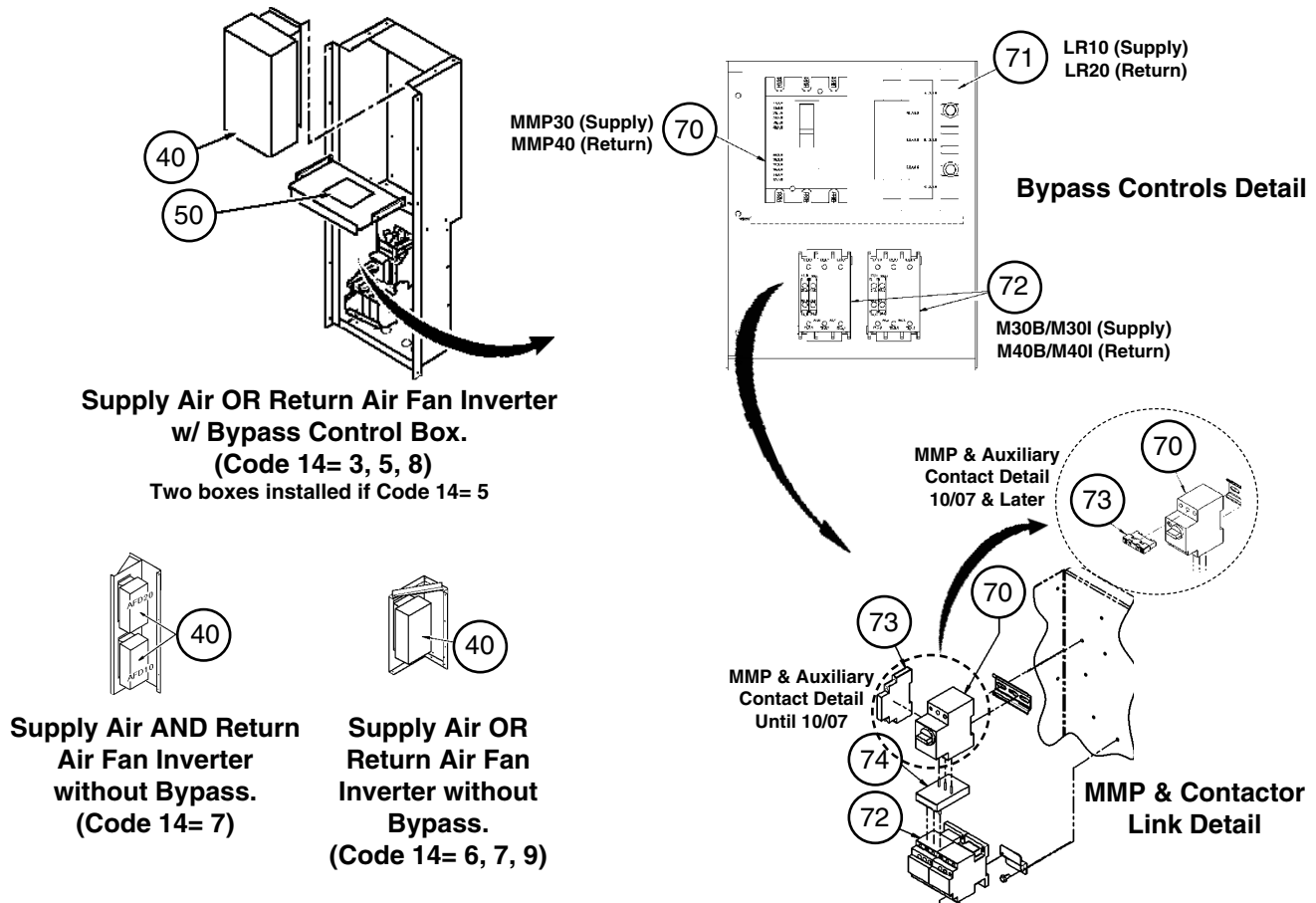
Section F- Supply Air Section

Inverters & Inverter Bypass Control Box

1/07 & Later (Code 08= D, F) ¹

Motor HP 5 (Code 22 OR Code 32= J*Y)

¹ If the unit was built between 10/06- 12/06 Contact Daikin Applied to confirm installed components.



Ref No.	Sch. Sym.	Part Description	Part Number	Motor HP			
				5			
				208V	230V	460V	575V
40	AFD10, 20	Inverter- see Inverter section					
50		Gasket	055940207	1	1	1	1
70	MMP30, 40	Motor Control	349934049				1
			349934050			1	
			349934052	1	1		
71	LR10, 20	Line Reactor- see page following inverters					
72	M30B, I	Contactor	349933121			1	1
	M40B, I		349933123	1	1		
73		Contact- Auxiliary ¹	349933922	1	1	1	1
		Contact- Auxiliary ²	349933821	1	1	1	1
74		Link	349932922	1	1	1	1

¹ Side Mounted, 1 NO/1 NC. Until 10/07.

² Side Mounted, 1 NO or NC. 10/07 & Later.

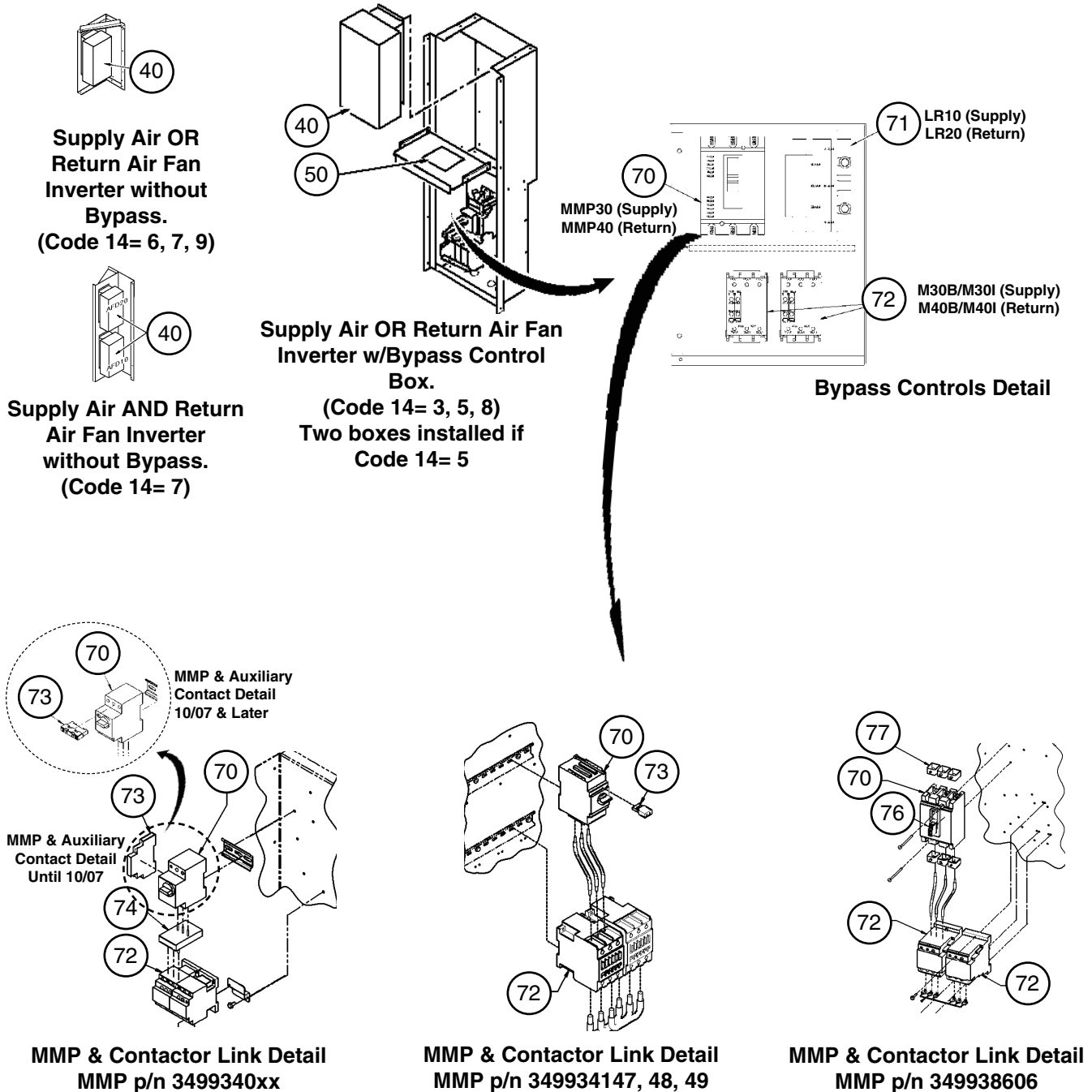
Section F- Supply Air Section

Inverters & Inverter Bypass Control Box

1/07 & Later (Code 08= D, F) ¹

Motor HP 7.5- 25 (Code 22 OR Code 32= K*Y, L*Y, M*Y, N*Y, P*Y) Diagrams

¹ If the unit was built between 10/06- 12/06 Contact Daikin Applied to confirm installed components.



Section F- Supply Air Section

Inverters & Inverter Bypass Control Box

1/07 & Later (Code 08= D, F) ⁴

Motor HP 7.5- 25 (Code 22 OR Code 32= K*Y, L*Y, M*Y, N*Y, P*Y) Components

⁴ If the unit was built between 10/06- 12/06 Contact Daikin Applied to confirm installed components.

Ref No.	Sch. Sym.	Part Description	Part Number	Motor Horsepower																			
				7.5				10				15				20				25			
				208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V
40	AFD10, 20	Inverter- see Inverter section																					
50		Gasket	055940207	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
70	MMP30, 40	Motor Control	349934050				1																
			349934051			1				1													
			349934052							1					1								
			349934053		1										1				1				
			349934054	1																		1	
			349934055						1									1					
			349934147					1														1	
			349934148										1	1								1	
			349934149													1	1				1		
			349938606																1				
71	LR10, 20	Line Reactor- see page after inverters																					
72	M30B, I	Contactor	349933121				1																
	M40B, I		349933122			1					1												
			349933123							1					1								
			349933321	1	1									1					1				
			349933322						1									1				1	
			349933521					1													1		
			349933522									1	1										
			349933523													1	1						
			349933621																1	1			
73		Contact- Auxiliary ²	349933804									1	1			1	1				1	1	
		Contact- Auxiliary ¹	349933922	1	1	1	1	1	1	1	1			1	1			1	1			1	
		Contact- Auxiliary ³	349933821	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
74		Link	349932922	1	1	1	1	1	1	1	1			1	1			1	1			1	
76		Interlock- Trip	349938701																	1			
77		Lug Kit (3 per kit)	349938801																	2			

¹ Side Mounted, 1 NO/1 NC. Until 10/07.

² Front Mounted, NC. Until 10/07.

³ Front Mounted, 1 NO or NC. 10/07 & Later.

Section F- Supply Air Section

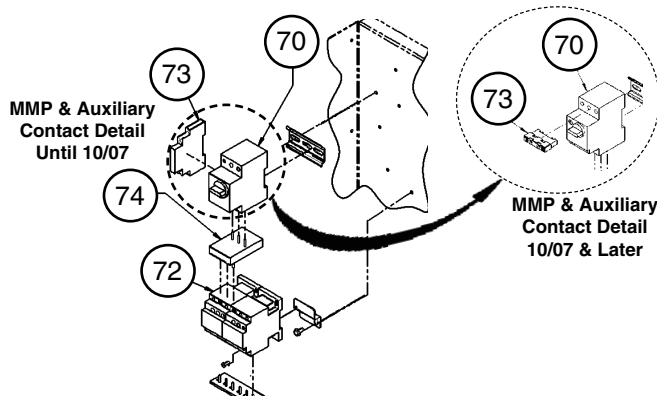
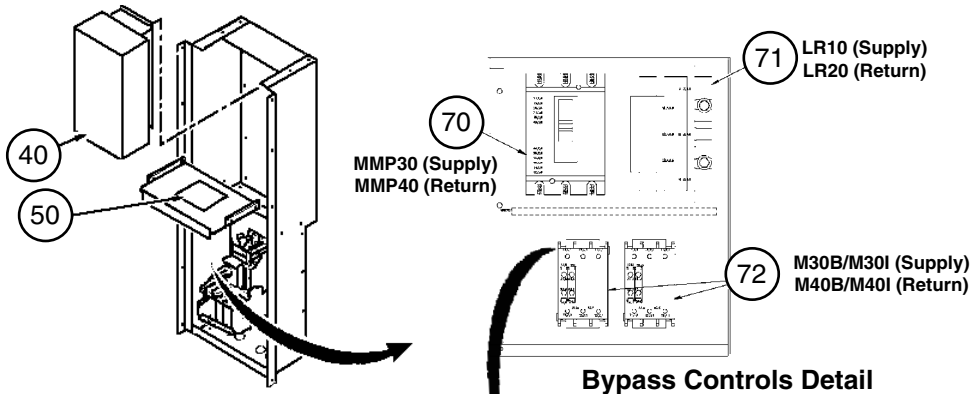
Inverters & Inverter Bypass Control Box

1/07 & Later (Code 08= D, F) ¹

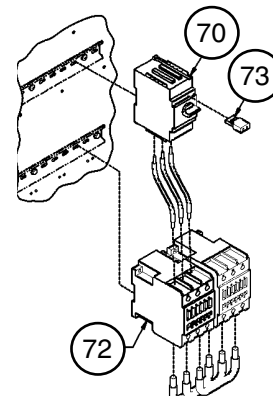
Motor HP 30- 75 (Code 22= Q*Y, R*Y, S*Y, T*Y OR Code 32= Q*Y, R*Y, S*Y, T*Y, U*Y)

Diagrams

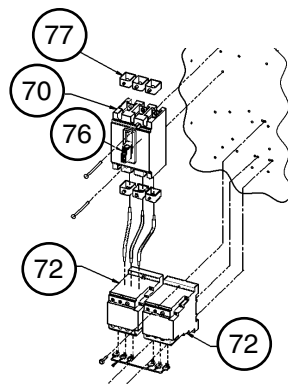
¹ If the unit was built between 10/06- 12/06 OR 4/13- 5/13 Contact Daikin Applied to confirm installed components.



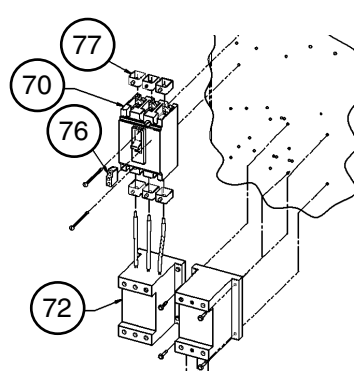
MMP & Contactor Link Detail
MMP p/n 349934055



MMP & Contactor Link Detail
MMP p/n 349934147, 48, 49



MMP & Contactor Link Detail
MMP p/n 349938606



MMP & Contactor Link Detail
MMP p/n 349938607

Section F- Supply Air Section

Inverters & Inverter Bypass Control Box

1/07 & Later (Code 08= D, F) ⁵

Motor HP 30- 75 (Code 22= Q*Y, R*Y, S*Y, T*Y OR Code 32= Q*Y, R*Y, S*Y, T*Y, U*Y)
Components

⁵ If the unit was built between 10/06- 12/06 OR 4/13- 5/13 Contact Daikin Applied to confirm installed components.

Ref No.	Sch. Sym.	Part Description	Part Number	Motor Horsepower																				
				30				40				50				60				75				
				208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	
40	AFD10, 20	Inverter- see next page																						
50		Gasket	055940207	1	1	1	1	1	1	1	1	1			1	1			1	1			1	
70	MMP30	Motor Control	349934055				1																	
	MMP40		349934147			1																		
			349934148								1													
			349934149							1				1	1				1					
			349938606	1	1										1	1			1				1	
			349938607					1	1															
71	LR10, 20	Line Reactor- see page after inverters																						
72	M30B, I	Contactor	349933322				1																	
	M40B, I		349933521			1																		
			349933522							1	1													
			349933523												1	1								
			349933621		1														1	1				
			349933721	1					1														1	
			349933722					1																
73		Contact- Auxiliary ³	349933804			1				1	1			1	1				1					
		Contact- Auxiliary ¹	349933922				1																	
		Contact- Auxiliary ⁴	349933821																					
74		Link	349932922				1																	
76		Interlock- Trip	349938701	1	1			1	1										1				1	
77		Lug Kit (3 per kit)	349938801	2	2			1 ²	1 ²										2				2	

¹ Side Mounted, 1 NO/1 NC. Until 10/07.

² Also requires 3 ring terminals.

³ Front Mounted, NC. Until 10/07.

⁴ Front Mounted, 1 NO or NC. 10/07 & Later.

Section F- Supply Air Section Inverters

Code 15= R Model VTAC9

Part Number	Motor Horsepower															
	5		7.5		10		15		20		25		30		40	
	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V
098861454		1														
098861455			1													
098861456					1											
098861457						1										
098861458								1								
098861459									1							
098861460										1						
098861461											1					
098861462												1				
098861463													1			
098861464															1	
098861468	1															
098861469			1													
098861470				1												

Section F- Supply Air Section

Inverters, Continued

Code 15= A Model 550 (8/04 & Later) ¹

Part Number	Motor Horsepower																																
	5			7.5			10			15			20			25			30			40			50			60			75		
	208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V			
112046002	1																																
112046003				1																													
112046004							1																										
112046005									1																								
112046006												1																					
112046007															1																		
112046008																	1																
112046009																				1													
112046010																						1											
112046011																										1							
112046012																													1				
112046015	1																																
112046016				1																													
112046017						1																											
112046018									1																								
112046019												1																					
112046020															1																		
112046021																	1																
112046022																				1													
112046023																						1											
112046024																										1							
112046025																													1				
112046027		1																															
112046028					1																												
112046029								1																									
112046030										1																							
112046031													1																				
112046032															1																		
112046033																		1															
112046034																				1													
112046035																						1					1						
112046036																													1				

¹ Model ACH401 Inverters used until 8/04 have been discontinued and are no longer available. Replace with the comparable Model ACH550 p/n shown above. Note that repair parts for Model ACH401 Inverters are also no longer available. The Keypad Display for Model ACH550 Inverters is p/n 300040924.

Section F- Supply Air Section

Inverters, Continued

Code 15= G Model 3500

Part Number	Motor Horsepower															
	5				7.5				10				15			
	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V
098656903			1													
098656904						1										
098656905										1						
098656906													1			
098656907															1	
098656908																1
098656916	1															
098656917				1												
098656918								1								
098656919												1				
098656920														1		
098656921																1
098656926		1														
098656927					1											
098656928									1							
098656929													1			
098656930															1	
098656931																1
098656943				1												
098656944							1									
098656945											1					
098656946													1			
098656947															1	
098656948																1

Part Number	Motor Horsepower															
	30				40				50				60			
	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V
098656909			1													
098656910						1										
098656911										1						
098656912													1			
098656913															1	
098656922	1															
098656923				1												
098656940								1								
098656932		1														
098656933					1											
098656953							1									
098656951											1					
098656954													1			

Section F- Supply Air Section

Inverters, Continued

Code 15= S, Q (MD2, MD3, MD6)

Part Number	Motor Horsepower																																
	5			7.5			10			15			20			25			30			40			50			60			75		
	208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V			
193475809 ¹	1																																
193475810 ¹				1																													
193475811 ¹							1																										
193475812 ¹										1																							
193475813 ¹													1																				
193475814 ¹																1																	
193475815 ¹																			1														
193475816 ¹																						1											
349956617 ³																								1									
193475825 ¹		1																								1							
193475826 ¹					1																												
193475827 ¹								1																									
193475828 ¹										1																							
193475829 ¹														1																			
193475830 ¹																1																	
193475831 ¹																			1														
193475832 ¹																						1											
193475883 ¹																								1									
193475884 ³																											1						
193475885 ³																														1			
193456304 ^{2,4}			1																														
193456305 ^{2,4}					1																												
193456306 ^{2,4}								1																									
193456307 ^{2,4}										1																							
193456308 ^{2,4}													1																				
349956647 ³																	1																
349956648 ³																					1												
349956649 ³																							1										
349956650 ³																										1							
349956651 ³																													1				
349956652 ³																															1		

¹ Units built late 2010 & earlier shipped with ATV21 VFDs. All ATV21 drives have been replaced with ATV212 drives as listed above. These new drives are drop in replacements with the exception of the Remote Keypad and Communication Cards. The ATV21 Remote Keypad is p/n 349958801. The ATV21 Lonworks communication card is p/n 349927103. The ATV212 Remote Keypad is p/n 349958805 and the Remote Keypad Mounting kit is p/n 349958803. The ATV212 Lonworks communication card is p/n 193482601. All other ATV212 communication cards are integral to the VFD and are not available separately. Note that 60 & 75 HP motors are not available in 208/230V (Code 09= 12, 29).

² MD3 Remote Keypad p/n is 349958802.

³ MD6 Remote Keypad p/n is 349958805 plus Mount p/n 349958803.

⁴ For 575V units with an MD3 Inverter and Motor under 25 HP a Line Reactor will be installed regardless of whether one is specified in Code 17 (see nomenclature page). See the next page for Line Reactor part numbers.

Section F- Supply Air Section

Line Reactors ¹

Part Number	Motor Horsepower																																
	5			7.5			10			15			20			25			30			40			50			60			75		
	208V/230V	460V	575V	208V/230V	460V	575V	208V/230V	460V	575V	208V/230V	460V	575V	208V/230V	460V	575V	208V/230V	460V	575V	208V/230V	460V	575V	208V/230V	460V	575V	208V/230V	460V	575V	208V/230V	460V	575V			
073323503	1																																
073323504				1																													
073323505							1																										
073323506									1																								
073323507											1																						
073323508													1																				
073323509															1																		
073323510																											1						
073323511									1																								
073323512																			1														
073323518	1																																
073323519				1																													
073323520						1																											
073323521															1																		
073323522																			1														
073323523																						1											
073323534													1																				
073323535																										1							
073323536																														1			
073323557																												1					
073323558																															1		
349964926 ²															1																		
349964927 ²								1																									
349964929 ²		1																															
349964930 ²										1																							
349964931 ²													1																				
349964932 ²					1																												
349964954 ²																				1													
349964955 ²																						1											
349964956 ²																										1							

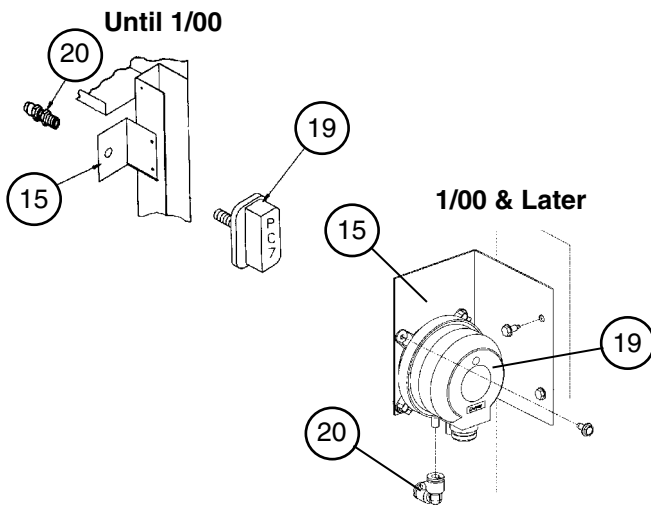
¹ Line Reactors are used when Code 17= CL, CE, CH, CJ, CK, C4, C6, C7, C8, YL, YE, YH, YJ, YK, Y4, Y6, Y7, Y8; except for MD3 575V Inverters (Code 15= S, Q) 2- 20 HP; these will always have a Line Reactor installed regardless of Code 17.

² These are 5% impedance Line Reactors. Some units may have 3% impedance Line Reactors installed, the 5% may be used in their place. Due to dimensional differences, minor field modifications may be required for proper installation.

Section F- Supply Air Section

Section Mounted Controls

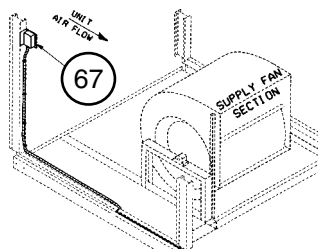
PC7, HL22, LT10, S10, REC10, UV Lights



PC7- Proof of Airflow Pressure Control

Ref No.	Part Description	Part Number	Qty.
15	Bracket, Until 1/00	057233101	1
	Bracket, 1/00 & Later	¹	1
19	PC7 Pressure Control		
	Until 1/00	065493801	1
	1/00 & Later	¹	1
20	Pneumatic Fitting		
	Until 1/00	049763002	1
	1/00 & Later	¹	1

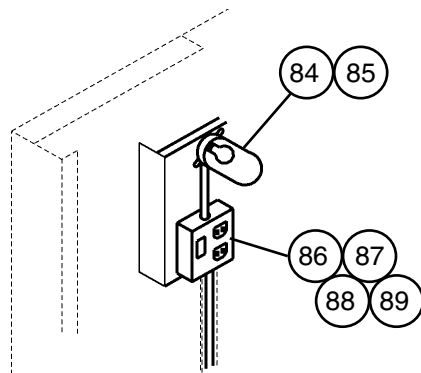
¹ In 06/12 the design of PC7 was changed. Units built 1/00 & Later require Retrofit Kit 910122413 for proper installation as old and new parts are NOT interchangeable. In the Kit, the Switch is p/n 910115489, the Pneumatic Fitting is p/n 910122414, and the Support Bracket is p/n 910122290.



HL22- Gas Heat Hi Limit Switch

Code 04= A

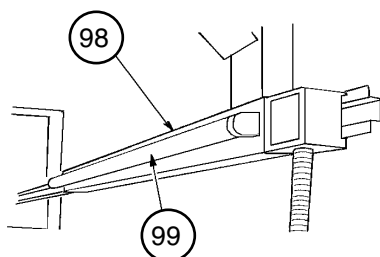
Ref No.	Part Description	Part Number	Qty.
67	T-stat- HL22 Hi Limit	047938801	1



LT10- Supply Fan Light/S10- Supply Fan Light Switch/REC10- Supply Fan Light Receptacle

Code 49= B, E

Ref No.	Part Description	Part Number	Qty.
84	Light Fixture	042229500	1
85	Bulb- LT10	065492402	1
86	Junction Box	065491901	1
87	Junction Box Cover	065492001	1
88	Light Switch- S10	065492201	1
89	Receptacle- REC10	030187000	1



UV Lights

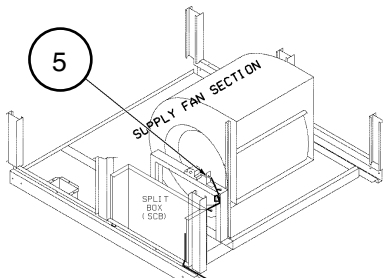
Code 17= C1 thru C8 AND Y1 thru Y8

Ref No.	Part Description	Part Number	Qty.
98	Lamp Holder- 18"	205484001	1
	Lamp Holder- 24"	205484101	1
	Lamp Holder- 36"	205484201	1
99	Lamp- 18"	205484501	1
	Lamp- 24"	205484601	1
	Lamp- 36"	205484701	1

Section F- Supply Air Section

Section Mounted Controls

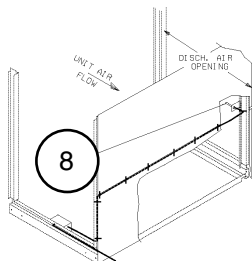
MAT, EFT, SAT, DAT, OAT, SD1



**MAT (until 2/04)
EFT (2/04 & Later)**

Mixed Air Temperature Sensor- MAT OR Entering Fan Temperature Sensor- EFT

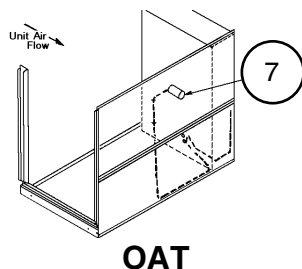
Ref No.	Part Description	Part Number	Qty.
5	MAT/EFT Sensor		
	MicroTech Controls	059974605	1
	MicroTech II Controls	060004705	1
	MicroTech III Controls	193414602	1



**SAT (until 2/04)
DAT (2/04 & Later)**

Supply Air Temperature Sensor- SAT OR Discharge Air Temperature Sensor- DAT

Ref No.	Part Description	Part Number	Qty.
8	SAT/DAT Sensor		
	MicroTech Controls	059974605	1
	MicroTech II Controls	060004705	1
	MicroTech III Controls	193414602	1

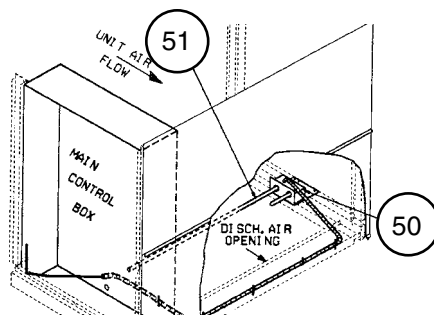


OAT

Outdoor Air Temperature Sensor- OAT

Ref No.	Part Description	Part Number	Qty.
7	OAT Sensor		
	MicroTech Controls	059974605	1
	MicroTech II Controls	060004705	1
	MicroTech III Controls	193414602	1

Smoke Detector Detail



Smoke Detector- SD1

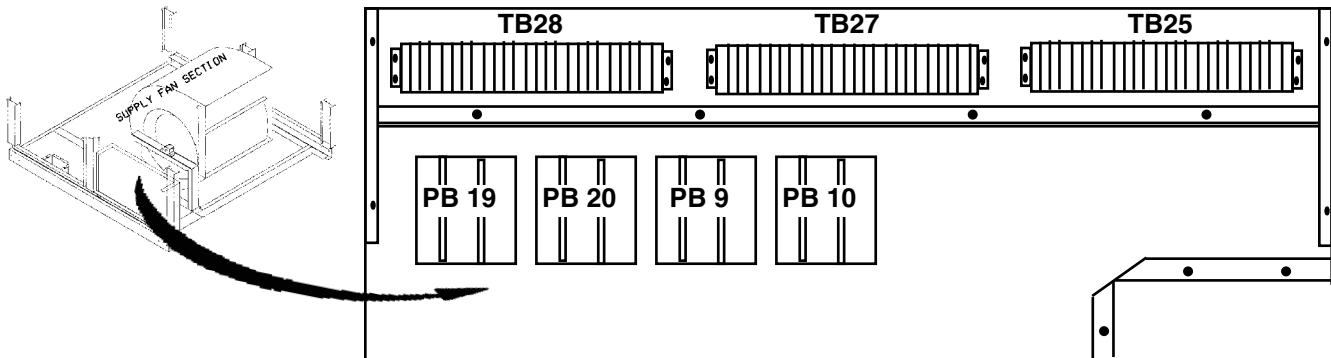
Ref No.	Part Description	Part Number	Qty.
50	Smoke Detector- SD1	098873101 ¹	1

¹ The original Smoke Detector for units built 2003 & Earlier is no longer available. When replacing any version of SD1, reuse existing Sampling Tubes or order 1pc. 098873101 for Standard Discharge or 2pc. of 098873501 for Side or Top Discharge. Minor field modifications may be required for proper installation.

Section F- Supply Air Section

Section Mounted Controls

SCB- Split Junction Box (Code 05= F)- TB25, TB27, TB28, PB10, PB9, PB20, PB19



Across- The- Line Start (Code 10= AL, PW)

Sch. Sym.	Part Description	Part Number	Motor HP															
			2 - 25				30				40, 50				60 - 75			
			208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V
	Terminal Blocks																	
TB25	Terminal Block- SCB	015998124	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TB27	Terminal Block- SCB	015998130	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TB28 ¹	Terminal Block- SCB	015998124	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PB10	Power Block- Supply Fan																	
	95A, 600V, 3P	030372707	1	1	1	1	1	1	1	1	1	1	1	1			1	1
	175A, 600V, 3P	030372710													1	1		
PB9	Power Block- Supply Fan																	
	95A, 600V, 3P	030372707					1										1	1
PB20	Power Block- Return Fan																	
	95A, 600V, 3P	030372707	1	1	1	1	1	1	1	1	1	1	1	1				
PB19	Power Block- Return Fan																	
	95A, 600V, 3P	030372707					1											

Part Winding Start (Code 10= PP, PS) ²

Sch. Sym.	Part Description	Part Number	Motor HP															
			2 - 25				30				40, 50				60 - 75			
			208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V
	Terminal Blocks																	
TB25	Terminal Block- SCB	015998124	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TB27	Terminal Block- SCB	015998130	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TB28 ¹	Terminal Block- SCB	015998124	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PB10	Power Block- Supply Fan																	
	95A, 600V, 3P	030372707	1	1	1	1	1	1	1	1	1	1	1	1			1	1
	175A, 600V, 3P	030372710													1	1		
PB9	Power Block- Supply Fan																	
	95A, 600V, 3P	030372707	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PB20	Power Block- Return Fan																	
	95A, 600V, 3P	030372707	1	1	1	1	1	1	1	1	1	1	1	1				
PB19	Power Block- Return Fan																	
	95A, 600V, 3P	030372707	1	1	1	1	1	1	1	1	1	1	1	1				

¹ Only used when the unit has a Supply Fan Inverter, VIV, or an Economizer with a Power Closure Exhaust Damper.

² Part Winding Fans are rare.

Section G- Blow-Thru Heat Section

Notes



Primary Codes that pertain: 04, 34

Additional Codes that pertain: 06, 07, 08, 09, 12, 31

This section is divided into four subsections: 1. Blank Access; 2. HW/Steam Heat; 3. Electric Heat; and 4. Gas Heat.

Code 04 determines what type of heat, if any, the unit employs, and Code 34 defines the Heat Section's characteristics. If Code 04= Y, and Code 34= YYYYYY there is no section. If Code 04= Y and Code 34= BBBB, then there is a 48" Blank Access Section installed. Refer to the Unit Code Index for specific Heat Section coding and definitions.

Code 06, insulation and liners, influences the final cabinet assembly panel part numbers. **For sheet metal components that make up the Blow-Thru Heat Section, contact Daikin Applied with model and serial number information to ensure that the correct liners, insulation and hardware are ordered.**

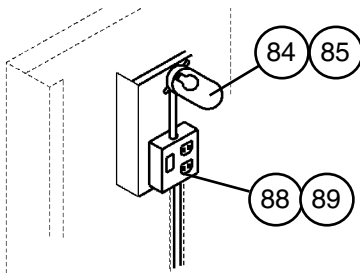
Code 07 is the Gas Heat Burner Approval Code and affects many of the parts in the Gas Heat Section depending on whether the unit is UL approved (USA) or CSA approved (Canada).

Code 08 and Code 12 determine the control type, control location, generation of controls installed, and the Gas Heat Actuator Motor used.

Code 09 determines the Unit Voltage, which will have an effect on the Electric Heaters and their controls.

Code 31 is the Supply Fan size, and has an effect on the Heat Section's bulkhead panels and Diffusers.

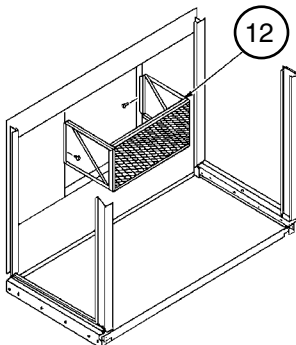
Section Mounted Controls



LT12- BT Heat Section Light/S12- Heat Section Light Switch/REC12- Heat Section Receptacle

Ref No.	Part Description	Part Number	Qty.
84	Light Fixture	042229500	1
85	Bulb- LT12	065492402	1
88	Light Switch- S12	065492201	1
89	Receptacle- REC12	030187000	1

Option 1: Blank Section Code 34= BBBB Diffuser AND Code 04= Y ¹



Ref No.	Part Description	Part Number	Qty.
12	Diffuser		
	33" Supply Fan Code 31= 33**	055988003	1
	36" Supply Fan Code 31= 36**	055988004	1
	40" Supply Fan Code 31= 40**	055988005	1

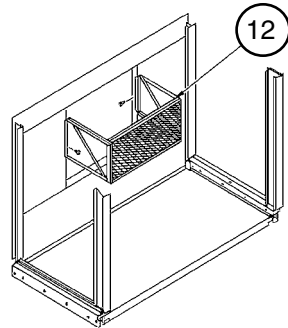
¹ The drawing shows a Diffuser factory mounted on a unit shipped fully assembled (Code 05= Y). If Code 05= F, the unit is split at the Supply Fan Section (Section F) and the Heat Section (Section G); in this case the Diffuser is field mounted. The part number is the same in either case.

Section G- Blow-Thru Heat Section

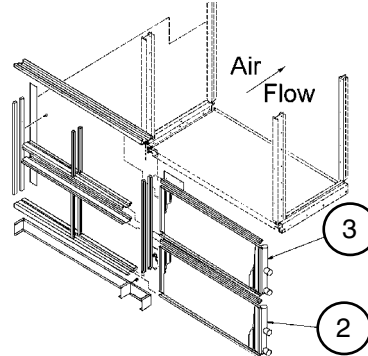
Option 2- Hot Water, Steam Coil Heat

Code 04= W, S AND Code 34 first 3 digits = S11, S12, S13, S14, W11, W22
Coils, Valves, Diffusers & Actuator VM1 Diagrams

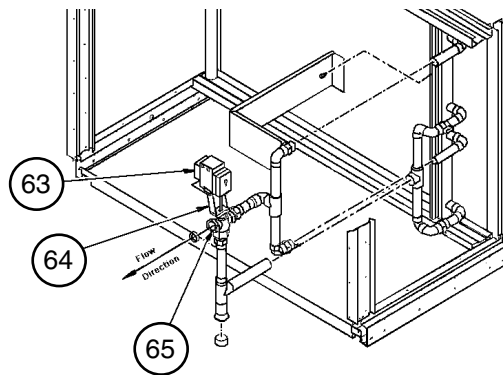
Diffuser



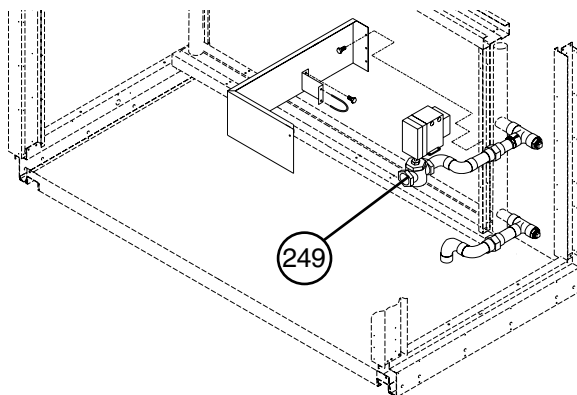
Coil Location



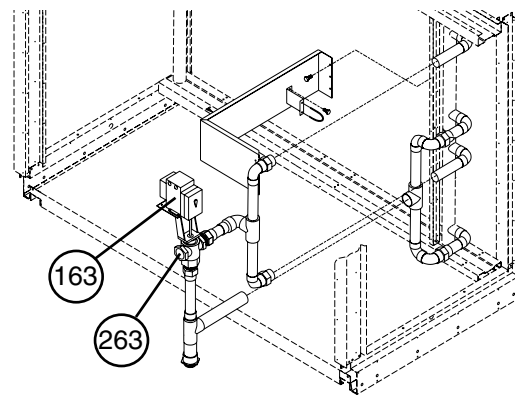
Mixing Valve Detail 12/08 & Earlier



Steam Coil Units 1/09 & Later



Hot Water Coil Units 1/09 & Later



Section G- Blow-Thru Heat Section

Option 2- Hot Water, Steam Coil Heat

**Code 04= W, S AND Code 34 first 3 digits = S11, S12, S13, S14, W11, W22
Coils, Valves, Diffusers & Actuator VM1 Components**

Ref No.	Sch. Sym.	Part Description	Code 34=	Coil Type	Coil Height	Part Number	Qty.
2		Steam Heat Coil- Bottom	S11***	5JA0601H	42"	056053061 ³	1
		Steam Heat Coil- Bottom	S12***	5JA1201H	42"	056053062 ³	1
		Steam Heat Coil- Bottom	S13***	5JA0602C	42"	056053063	1
		Steam Heat Coil- Bottom	S14***	5JA1202C	42"	056053064	1
		Hot Water Heat Coil- Bottom	W11***	5WH0901H	42"	056053065 ³	1
		Hot Water Heat Coil- Bottom	W22***	5WS0902C	42"	056053066	1
3		Steam Heat Coil- Top	S11***	5JA0601H	39"	056053041 ³	1
		Steam Heat Coil- Top	S12***	5JA1201H	39"	056053042 ³	1
		Steam Heat Coil- Top	S13***	5JA0602C	39"	056053043	1
		Steam Heat Coil- Top	S14***	5JA1202C	39"	056053044	1
		Hot Water Heat Coil- Top	W11***	5WH0901H	39"	056053045 ³	1
		Hot Water Heat Coil- Top	W22***	5WS0902C	39"	056053046	1
12		Diffuser- 33" Supply Fan				055988003	1
		Diffuser- 36" Supply Fan				055988004	1
		Diffuser- 40" Supply Fan				055988005	1
		Valve & VM1 12/08 & Earlier					
63	VM1	Actuator- 120V	*****E	All	All	059999804	1
64		Linkage- 1.25", 1.50", 2.00" Valve	*****E	All	All	049762401	1
		Linkage- 2.50", 3.00" Valve	*****E	All	All	049762403	1
65		Valve, 2 Way— Steam Heat					
		1.25"	S**E2*	5JA	All	049762502	1
		1.50"	S**F2*	5JA	All	049762503	1
		2.00"	S**G2*	5JA	All	049762504	1
		2.50"	S**H2*	5JA	All	049762505	1
		3.00"	S**J2*	5JA	All	049762506 ¹	1
		Valve, 3 Way— Hot Water Heat					
		1.25"	W**E3*	5WH, 5WS	All	047936505	1
		1.50"	W**F3*	5WH, 5WS	All	047936501	1
		2.00"	W**G3*	5WH, 5WS	All	047936502	1
		2.50"	W**H3*	5WH, 5WS	All	047936506	1
		3.00"	W**J3*	5WH, 5WS	All	047936503 ²	1
		Valve & VM1 1/09 & Later					
249		Valve, 2 Way Steam Heat w/ Act. ⁵					
		1.25"	S**E2E	5JA	All	113147501	1
		1.50"	S**F2E	5JA	All	113147701	1
		2.00"	S**G2E	5JA	All	113147901	1
		2.50"	S**H2E	5JA	All	113148101	1
163	VM1	Actuator- 24V, 1.25- 2.00" Valve ⁶	W***3E	All	All	300046566	1
		Actuator- 24V, 2.50- 3.00" Valve ⁶	W***3E	All	All	113149601	1
263		Valve, 3 Way HW w/ Actuator					
		1.25"	W**E3E	5WH, 5WS	All	113166703	1
		1.50"	W**F3E	5WH, 5WS	All	113166704	1
		2.00"	W**G3E	5WH, 5WS	All	113166705	1
		2.50"	W**D3E	5WH, 5WS	All	113166706	1
		3.00"	W**D3E	5WH, 5WS	All	113166707	1

¹ Steam Heat 3.00" Valve has a Flange Gasket p/n: 031315900.

² Hot Water Heat 3.00" Valve has a Flange Gasket p/n: 031316000.

³ Prior to 12/94 1 row coils were "C" type. Top Coils are, 5JA0601C — p/n 056053001; 5JA1201C— p/n 056053002; 5WH0901C— p/n 056053005.

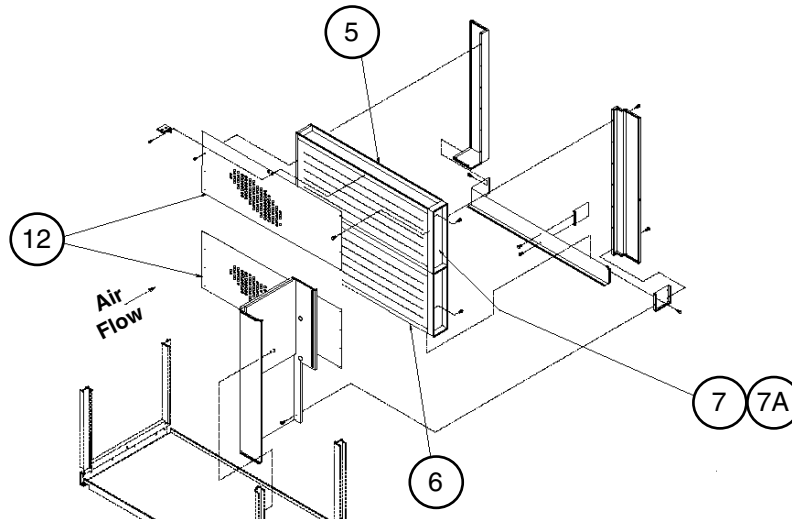
⁴ Prior to 12/94 1 row coils were "C" type. Bottom Coils are, 5JA0601C — p/n 056053011; 5JA1201C— p/n 056053012; 5WH0901C— p/n 056053015.

⁵ Note that the Steam Valve is factory supplied WITH the Actuator. For Actuator ONLY p/ns contact Daikin Applied with model and serial number information so that the correct Actuator can be identified.

⁶ Note that the HW Valve is factory supplied WITH the Actuator. Use this p/n when replacing the HW Actuator ONLY.

Section G- Blow-Thru Heat Section

Option 3- Electric Heat: Code 04= A AND Code 34 first digit = E Heaters, Hi Limit Cutouts, Diffusers



Ref No.	Sch. Sym.	Part Description	Total KW	Code 34=	Heater KW	Hi Limit Cutout		Unit Voltage		
						with Auto and Manual Cutout ¹	with Auto Cutout Only ²	208/230V	460V	575V
5		Heater Assy- Top	80	E080	80	049269206	049269215	1		
		Heater Assy- Top	80	E080	80	049269224	049269233		1	
		Heater Assy- Top	80	E080	80	N/A	049269242			1
		Heater Assy- Top	100	E100	100	049269205	049269214	1		
		Heater Assy- Top	100	E100	100	049269223	049269232		1	
		Heater Assy- Top	100	E100	100	N/A	049269241			1
		Heater Assy- Top	120	E120	120	049269204	049269213	1		
		Heater Assy- Top	120	E120	120	049269222	049269231		1	
		Heater Assy- Top	120	E120	120	N/A	049269240			1
		Heater Assy- Top	160	E160	160	049269203	049269212	1		
		Heater Assy- Top	160	E160	160	049269221	049269230		1	
		Heater Assy- Top	160	E160	160	N/A	049269239			1
		Heater Assy- Top	200	E200	120	049269204	049269213	1		
		Heater Assy- Top	200	E200	120	049269222	049269231		1	
		Heater Assy- Top	200	E200	120	N/A	049269240			1
		Heater Assy- Top	240	E240	120	049269204	049269213	1		
		Heater Assy- Top	240	E240	120	049269222	049269231		1	
		Heater Assy- Top	240	E240	120	N/A	049269240			1
		Heater Assy- Top	280	E280	160	049269203	049269212	1		
		Heater Assy- Top	280	E280	160	049269221	049269230		1	
		Heater Assy- Top	280	E280	160	N/A	049269239			1
		Heater Assy- Top	320	E320	160	049269203	049269212	1		
		Heater Assy- Top	320	E320	160	049269221	049269230		1	
		Heater Assy- Top	320	E320	160	N/A	049269239			1

N/A= Not Applicable.

¹ Units ETL/MEA approval (Code 07= EY) OR no approval (Code 07= YY). Heater Assy. includes Hi Limit Auto and Manual Reset Switches.

² Units CSA approval (Code 07= CY). Heater Assy. includes Hi Limit Auto Reset Switches.

Section G- Blow-Thru Heat Section

Option 3- Electric Heat: Code 04= A AND Code 34 first digit = E

Heaters, Hi Limit Cutouts, Diffusers

Continued

Ref No.	Sch. Sym.	Part Description	Total KW	Code 34=	Heater KW	Hi Limit Cutout		Unit Voltage		
						with Auto and Manual Cutout ¹	with Auto Cutout Only ²	208/230V	460V	575V
6		Blank Assy- Bottom	80- 160	E/080- 160		055923602	055923602	1	1	1
		Heater Assy- Bottom	200	E200	80	049269206	049269215	1		
		Heater Assy- Bottom	200	E200	80	049269224	049269233		1	
		Heater Assy- Bottom	200	E200	80	N/A	049269242			1
		Heater Assy- Bottom	240	E240	120	049269204	049269213	1		
		Heater Assy- Bottom	240	E240	120	049269222	049269231		1	
		Heater Assy- Bottom	240	E240	120	N/A	049269240			1
		Heater Assy- Bottom	280	E280	120	049269204	049269213	1		
		Heater Assy- Bottom	280	E280	120	049269222	049269231		1	
		Heater Assy- Bottom	280	E280	120	N/A	049269240			1
		Heater Assy- Bottom	320	E320	160	049269203	049269212	1		
		Heater Assy- Bottom	320	E320	160	049269221	049269230		1	
		Heater Assy- Bottom	320	E320	160	N/A	049269239			1
7	HL1- 20	Hi Limit- Manual Cutout	All	All	All	065496201	N/A	1	1	1
7A	HL31- 50	Hi Limit- Auto Cutout	All	All	All	065824501	065824501	1	1	1
12		Diffuser	All	All	All	055658401	055658401	2	2	2

N/A= Not Applicable.

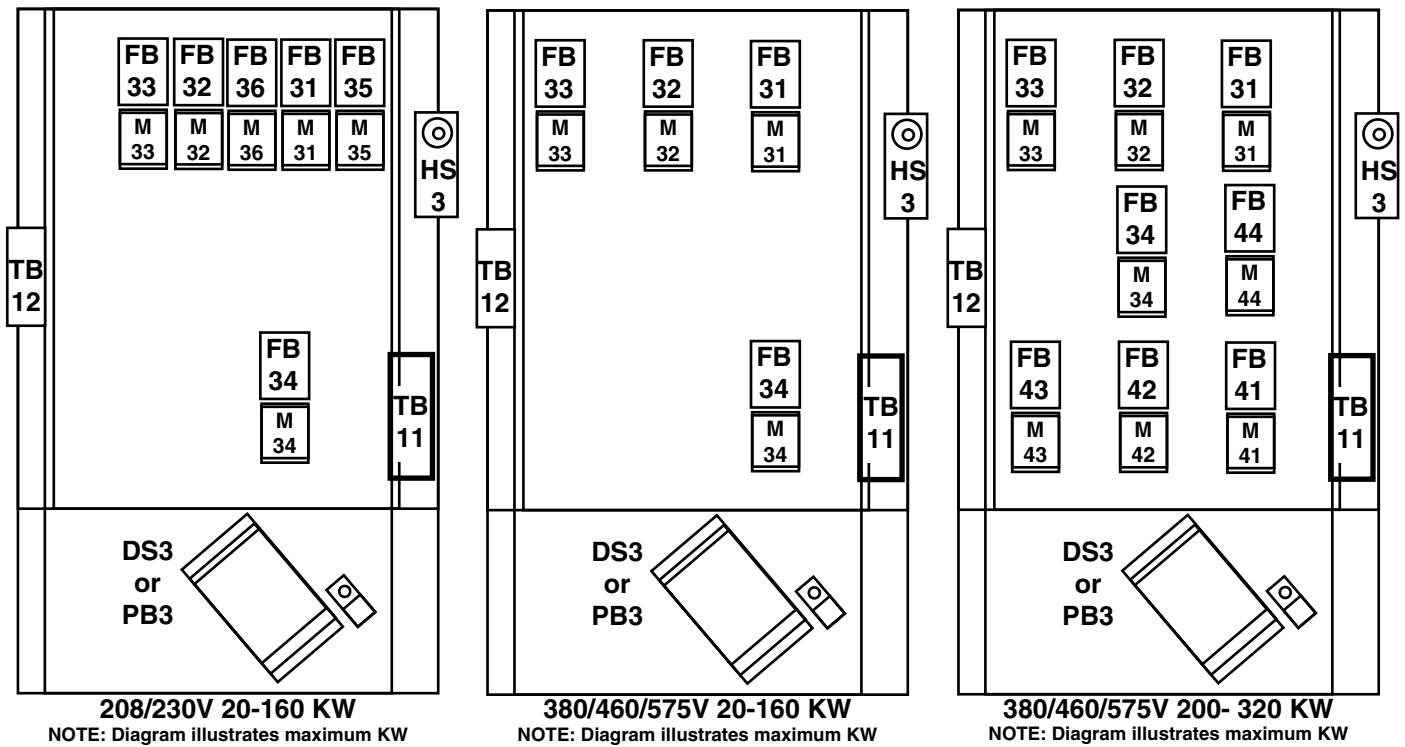
¹ Units ETL/MEA approval (Code 07= EY) OR no approval (Code 07= YY). Heater Assy. includes Hi Limit Auto and Manual Reset Switches.

² Units CSA approval (Code 07= CY). Heater Assy. includes Hi Limit Auto Reset Switches.

Section G- Blow-Thru Heat Section

Option 3- Electric Heat: Code 04= A AND Code 34 first digit = E

Electric Heat Control Box- Until 3/05



DS3— Disconnect Switch- Through the Door Style

Sch. Symbol	Unit Voltage	Total Heater KW	Disconnect Specs	Disconnect PN	Mechanism PN	Term. Lug PN
DS3	208/230	20	60A 600V 3P	031446200	031322400	FWS
DS3	208/230	40,60,80	250A 600V 3P	047442104	039903100	FWS
DS3	208/230	100,120	400A 600V 3P	047442108	025862500	FWS
DS3	380/575	20,40	60A 600V 3P	031446200	031322400	FWS
DS3	380/575	60-200	250A 600V 3P	047442104	039903100	FWS
DS3	380/575	240,280	400A 600V 3P	047442109	025862500	FWS
DS3	380/575	320	400A 600V 3P	072937502	025862500	FWS
DS3	460	20,40	60A 600V 3P	031446200	031322400	FWS
DS3	460	60-160	250A 600V 3P	047442104	039903100	FWS
DS3	460	200,240	400A 600V 3P	047442109	025862500	FWS
DS3	460	280	800A 600V 3P	031019401	031011600	031019403
DS3	460	320	600A 600V 3P	027070601	028399200	FWS

FWS= Furnished with Switch.

Section G- Blow-Thru Heat Section

Option 3- Electric Heat: Code 04= A AND Code 34 first digit = E

Electric Heat Control Box- Until 3/05

20- 120 KW Components

Sch. Sym.	Part Description	Part Number	Heater KW=											
			20				40				60			
			208V	230V	460V	380/575V	208V	230V	460V	380/575V	208V	230V	460V	380/575V
PB3	Power Block	030372707	1	1	1	1								
	Power Block	030372705					1	1	1	1	1	1	1	1
	Power Block	030372717									1	1	1	1
	Power Block	030372718												1
DS3	Disconnect Switch	2												
HS3	Switch	033696300	1	1	1	1	1	1	1	1	1	1	1	1
TB11	Terminal Block	015998109 ¹	1	1	1	1	1	1	1	1	1	1	1	1
TB12	Terminal Block	030372717											1	1
TB12	Terminal Block	030372720												1
TB12	Terminal Block	030372705											1	1
M31	Contactor	027514103	1	1			1	1				1	1	1
	Contactor	027514102								1	1			1
	Contactor	027514101			1	1		1	1		1	1		
M32	Contactor	027514103					1	1				1	1	1
	Contactor	027514102								1	1			1
	Contactor	027514101						1	1		1	1		
M33	Contactor	027514103									1	1		1
	Contactor	027514102								1	1			
	Contactor	027514101										1	1	1
M34	Contactor	027514103									1	1		1
	Contactor	027514102								1	1			
	Contactor	027514101										1	1	1
M35	Contactor	027514103										1	1	
M36	Contactor	027514103											1	1
FB31	Fuse Block	023780209	1	1			1	1			1	1		1
	Fuse Block	023780205			1	1		1	1		1	1		
	Fuse Block	023780210											1	1
FB32	Fuse Block	023780209					1	1			1	1		1
	Fuse Block	023780205						1	1		1	1		
	Fuse Block	023780210												1
FB33	Fuse Block	023780209								1	1		1	1
	Fuse Block	023780205									1	1		1
FB34	Fuse Block	023780209								1	1		1	1
	Fuse Block	023780205									1	1		1
FB35	Fuse Block	023780209										1	1	
FB36	Fuse Block	023780209											1	1

¹ Terminal Block listed is for 1- 6 stages of heat (standard). For units with 7- 10 stages of heat (rare specials) use p/n 015998114.

² See chart on previous page.

Section G- Blow-Thru Heat Section

Option 3- Electric Heat: Code 04= A AND Code 34 first digit = E

Electric Heat Control Box- Until 3/05

20- 120 KW Components, Continued

Sch. Sym.	Part Description	Part Number	Heater KW=											
			20			40			60			80		
			208V	230V	460V	380/575V	208V	230V	460V	380/575V	208V	230V	460V	380/575V
F31	Fuse- FB31	025860514	3	3			3	3				3	3	
	Fuse- FB31	025860511							3					
	Fuse- FB31	025860512							3					
	Fuse- FB31	025860409		3			3		3		3			
	Fuse- FB31	025860408			3			3		3		3		
	Fuse- FB31	025860414											3	
	Fuse- FB31	025860413											3	3
F32	Fuse- FB32	025860514					3	3			3	3		3
	Fuse- FB32	025860511							3					
	Fuse- FB32	025860512							3					
	Fuse- FB32	025860409					3		3		3		3	
	Fuse- FB32	025860408						3		3		3		3
	Fuse- FB32	025860414												3
	Fuse- FB32	025860413												3
F33	Fuse- FB33	025860511							3					
	Fuse- FB33	025860512							3					
	Fuse- FB33	025860514									3	3		3
	Fuse- FB33	025860409										3		3
	Fuse- FB33	025860408										3		3
	Fuse- FB33	025860412							3					
	Fuse- FB33	025860411								3				
F34	Fuse- FB34	025860511							3					
	Fuse- FB34	025860512							3					
	Fuse- FB34	025860514									3	3		3
	Fuse- FB34	025860409										3		3
	Fuse- FB34	025860408										3		3
F35	Fuse- FB35	025860514										3	3	
F36	Fuse- FB36	025860514												3

Section G- Blow-Thru Heat Section

Option 3- Electric Heat: Code 04= A AND Code 34 first digit = E

Electric Heat Control Box- Until 3/05

160- 320 KW Components, Continued

Sch. Sym.	Part Description	Part Number	Heater KW=					
			160	200	240	280	320	
			460V 380/575V	460V 380/575V	460V 380/575V	460V 380/575V	460V 380/575V	460V 380/575V
PB3	Power Block	030372721						1 1
	Power Block	030372720			1	1	1	
	Power Block	030372717	1 1					
	Power Block	030372706		1 1	1			
DS3	Disconnect Switch	2						
HS3	Switch	033696300	1 1	1 1	1 1	1 1	1 1	1 1
TB11	Terminal Block	015998109 ¹	1 1	1 1	1 1	1 1	1 1	1 1
TB12	Terminal Block	030372705	1					
TB12	Terminal Block	030372720		1 1	1 1	1 1	1 1	1 1
TB12	Terminal Block	030372716	1					
M31	Contactor	027514103	1	1	1	1	1	1
	Contactor	027514102	1	1	1	1	1	1
M32	Contactor	027514103	1	1	1	1	1	1
	Contactor	027514102	1	1	1	1	1	1
M33	Contactor	027514103	1			1	1	1
	Contactor	027514102	1				1	1
	Contactor	027514101		1 1	1 1			
M34	Contactor	027514103	1			1	1	1
	Contactor	027514102	1				1	1
	Contactor	027514101		1 1	1 1			
M41	Contactor	027514103						1
	Contactor	027514102						1
	Contactor	027514101		1 1	1 1	1 1	1 1	
M42	Contactor	027514103						1
	Contactor	027514102						1
	Contactor	027514101		1 1	1 1	1 1	1 1	
M43	Contactor	027514103			1	1	1	1
	Contactor	027514102			1	1	1	1
	Contactor	027514101		1 1				
M44	Contactor	027514103			1	1	1	1
	Contactor	027514102			1	1	1	1
	Contactor	027514101		1 1				

¹ Terminal Block listed is for 1- 6 stages of heat (standard). For units with 7- 10 stages of heat (rare specials) use p/n 015998114.

² See chart 3 pages prior.

Section G- Blow-Thru Heat Section

Option 3- Electric Heat: Code 04= A AND Code 34 first digit = E

Electric Heat Control Box- Until 3/05

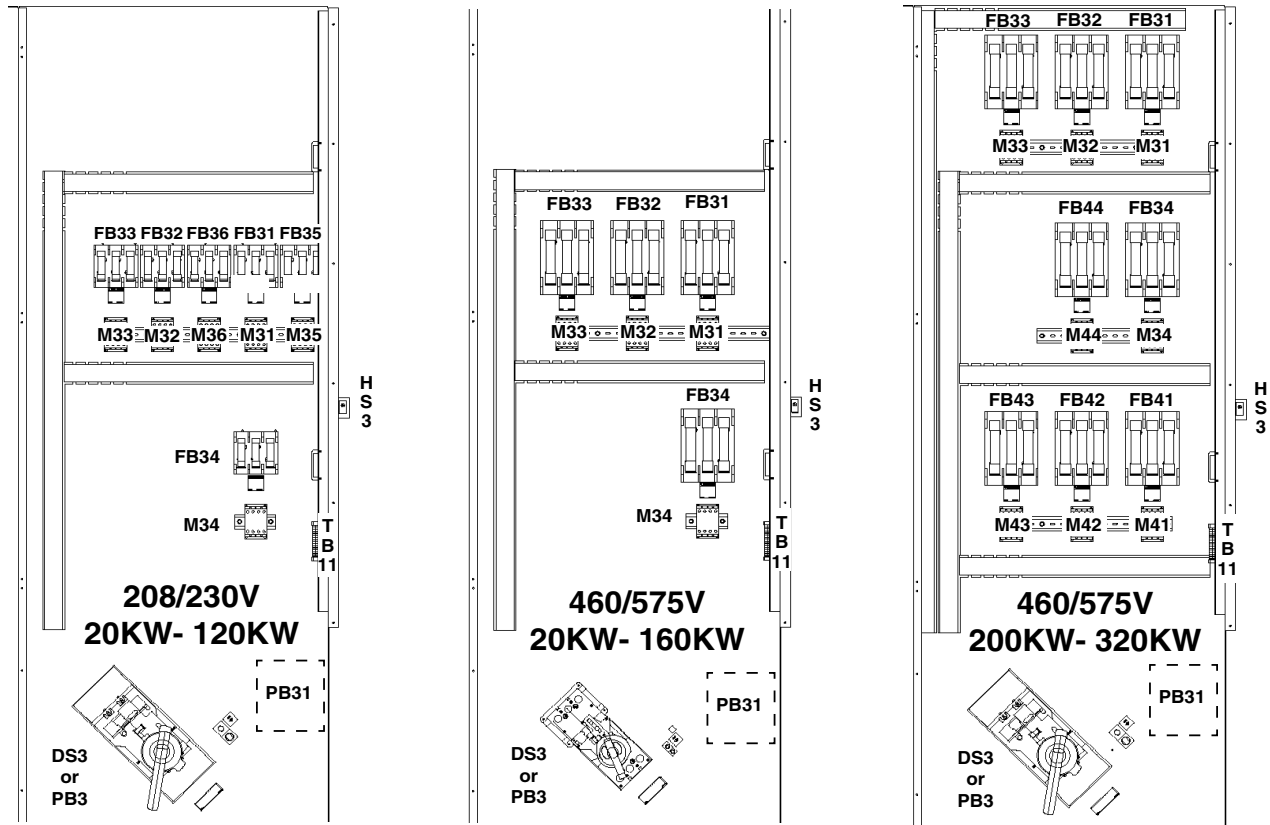
160- 320 KW Components, Continued

Sch. Sym.	Part Description	Part Number	Heater KW=					
			160	200	240	280	320	
			460V 380/575V	460V 380/575V	460V 380/575V	460V 380/575V	460V 380/575V	460V 380/575V
FB31	Fuse Block	023780210	1	1	1	1	1	1
FB32	Fuse Block	023780210	1	1	1	1	1	1
FB33	Fuse Block	023780210	1	1			1	1
	Fuse Block	023780205		1	1	1		
FB34	Fuse Block	023780210	1	1			1	1
	Fuse Block	023780205		1	1	1		
FB41	Fuse Block	023780210						1
	Fuse Block	023780205		1	1	1	1	
FB42	Fuse Block	023780210						1
	Fuse Block	023780205		1	1	1	1	
FB43	Fuse Block	023780210			1	1	1	1
	Fuse Block	023780205		1	1			
FB44	Fuse Block	023780210			1	1	1	1
	Fuse Block	023780205		1	1			
F31	Fuse- FB31	025860414	3	3	3	3	3	
	Fuse- FB31	025860413		3	3	3	3	3
F32	Fuse- FB32	025860414	3	3	3	3	3	
	Fuse- FB32	025860413		3	3	3	3	3
F33	Fuse- FB33	025860414	3				3	3
	Fuse- FB33	025860413		3			3	3
	Fuse- FB33	025860409			3			
	Fuse- FB33	025860408			3			
F34	Fuse- FB34	025860414	3				3	3
	Fuse- FB34	025860413		3			3	3
	Fuse- FB34	025860409			3			
	Fuse- FB34	025860408			3			
F41	Fuse- FB41	025860409		3	3	3		
	Fuse- FB41	025860408			3	3	3	
	Fuse- FB41	025860414						3
	Fuse- FB41	025860413						3
F42	Fuse- FB42	025860409		3	3	3		
	Fuse- FB42	025860408			3	3	3	
	Fuse- FB42	025860414						3
	Fuse- FB42	025860413						3
F43	Fuse- FB43	025860409		3				
	Fuse- FB43	025860408			3			
	Fuse- FB43	025860414				3	3	3
	Fuse- FB43	025860413				3	3	3
F44	Fuse- FB44	025860409		3				
	Fuse- FB44	025860408			3			
	Fuse- FB44	025860414				3	3	3
	Fuse- FB44	025860413				3	3	3

Section G- Blow-Thru Heat Section

Option 3- Electric Heat: Code 04= A AND Code 34 first digit = E

Electric Heat Control Box- 3/05 & Later



DS3- Disconnect Switch¹— Until 10/06²

Sch. Sym.	Part Description	Amps	Disconnect Switch Component			
			Switch	Handle	Lugs	Ground Lug
DS3	Disconnect Switch	100 Amp	349935101	349935501	349935901 (6)	349938001
	Disconnect Switch	150 Amp	349935102	349935501	349935901 (6)	349938001
	Disconnect Switch	250 Amp	349935201	349935501	349936001 (6)	349938001
	Disconnect Switch	400 Amp	349935301	349935602	349936201 (2)	349938002
	Disconnect Switch	600 Amp	349935302	349935602	349936201 (2)	349938002
	Disconnect Switch	800 Amp	349935403	349935701	349936401 (6)	349938003
	Disconnect Switch	1200 Amp	349935403	349935701	349936501 (6)	349938003

DS3- Disconnect Switch¹— 1/07 & Later²

Sch. Sym.	Part Description	Amps	Disconnect Switch Component			
			Switch	Handle ³	Shaft	Ground Lug
DS3	Disconnect Switch	100 Amp	349935125	349935523	349962211	349938001
	Disconnect Switch	150 Amp	349935126	349935533	349962212	349938001
	Disconnect Switch	250 Amp	349935226	349935533	349962212	349938001
	Disconnect Switch	400 Amp	349935325	349935622	349962213	349938002
	Disconnect Switch	600 Amp	193438205 ⁵	4, 5	349962243 ⁵	349938002

¹ Disconnects are sized according to various unit specifications. Check installed switch to verify the correct DS3 size.

² For units built between 10/1/06 and 12/31/06 contact Daikin Applied to ensure correct switch is ordered.

³ Includes mechanism (except 600A switch, see footnote 4).

⁴ Handle only p/n 349961102; Mechanism only p/n 193455001; Shaft p/n 349961403.

⁵ Note that the original Disconnect is obsolete. Due to dimensional differences minor field modifications may be required for proper installation.

Section G- Blow-Thru Heat Section

Option 3- Electric Heat: Code 04= A AND Code 34 first digit = E

Electric Heat Control Box- 3/05 & Later

20- 120KW Components

Sch. Sym.	Part Description	Part Number	Heater KW=															
			20				40				60				80			
			208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V
PB3	Power Block until 10/06 ³	030372730	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Power Block until 10/06 ³	030372744									1	1			1	1		
	Power Block until 10/06 ³	030372752															1	1
	Cover- PB3 until 10/06 ³	349938302	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Power Block 1/07 & Later ³	030372777	1	1	1	1	1	1	1	1		1	1		1	1		1
	Power Block 1/07 & Later ³	030372785									1	1			1	1		1
PB31	Power Block ⁴ 1/07 & Later ³																	
	used w/100A, 150A DS3	030372777	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	used w/250A DS3	030372783	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	used w/400A DS3	030372785	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	used w/600A DS3	030372721 ⁵	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
DS3	Disconnect Switch	²																
HS3	Switch	033696300	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TB11	Terminal Block until 10/06 ³	349930603	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Terminal Block 1/07 & Later ³	349930621	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
M31	Contactor until 10/06 ³	349932201		1	1		1	1						1	1			
	Contactor until 10/06 ³	349932301	1	1			1	1			1	1	1	1		1	1	1
M32	Contactor until 10/06 ³	349932301					1	1			1	1	1	1		1	1	1
	Contactor until 10/06 ³	349932201					1	1						1	1		1	1
M33	Contactor until 10/06 ³	349932301									1	1		1	1		1	1
	Contactor until 10/06 ³	349932201												1	1		1	1
M34	Contactor until 10/06 ³	349932301									1	1		1	1		1	1
	Contactor until 10/06 ³	349932201												1	1		1	1
M35	Contactor until 10/06 ³	349932301													1	1		1
M36	Contactor until 10/06 ³	349932301															1	1
M31	Contactor 1/07 & Later ³	349932321		1	1		1	1						1	1			
	Contactor 1/07 & Later ³	349932322	1	1			1	1			1	1	1	1		1	1	1
M32	Contactor 1/07 & Later ³	349932322					1	1			1	1	1	1		1	1	1
	Contactor 1/07 & Later ³	349932321					1	1						1	1		1	1
M33	Contactor 1/07 & Later ³	349932322									1	1		1	1		1	1
	Contactor 1/07 & Later ³	349932321												1	1		1	1
M34	Contactor 1/07 & Later ³	349932322									1	1		1	1		1	1
	Contactor 1/07 & Later ³	349932321												1	1		1	1
M35	Contactor 1/07 & Later ³	349932322													1	1		1
M36	Contactor 1/07 & Later ³	349932322															1	1

¹ Part number is for one section. The number of sections used is determined by the options installed.

² See charts on previous page.

³ For units built between 10/1/06 and 12/31/06 contact Daikin Applied to ensure correct part is ordered.

⁴ Not Used when PB3 Power Block connection is present.

⁵ Cover— PB31 used with 600A DS3= p/n 349938345.

Section G- Blow-Thru Heat Section
Option 3- Electric Heat: Code 04= A AND Code 34 first digit = E
Electric Heat Control Box- 3/05 & Later
20- 120KW Components, Continued

Sch. Sym.	Part Description	Part Number	Heater KW=															
			20				40				60				80			
			208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V
FB31	Fuse Block	023780229	1	1			1	1			1	1			1	1		
	Fuse Block	023780225			1	1			1	1					1	1		
	Fuse Block	023780230									1	1					1	1
FB32	Fuse Block	023780229					1	1			1	1			1	1		
	Fuse Block	023780225							1	1					1	1		
	Fuse Block	023780230									1	1						1
FB33	Fuse Block	023780229									1	1			1	1		
	Fuse Block	023780225												1	1		1	1
FB34	Fuse Block	023780229									1	1			1	1		
	Fuse Block	023780225												1	1		1	1
FB35	Fuse Block	023780229													1	1		
FB36	Fuse Block	023780229															1	1
F31	Fuse- FB31	025860514	3	3			3	3						3	3		3	3
	Fuse- FB31	025860511								3								
	Fuse- FB31	025860512								3								
	Fuse- FB31	025860409		3				3						3				
	Fuse- FB31	025860408			3				3						3			
	Fuse- FB31	025860412									3							
	Fuse- FB31	025860411										3						
	Fuse- FB31	025860414														3		3
	Fuse- FB31	025860413															3	3
F32	Fuse- FB32	025860514					3	3						3	3		3	3
	Fuse- FB32	025860511								3								
	Fuse- FB32	025860512								3								
	Fuse- FB32	025860409						3						3		3		
	Fuse- FB32	025860408							3						3		3	
	Fuse- FB32	025860412									3							
	Fuse- FB32	025860411										3						
	Fuse- FB32	025860414																3
	Fuse- FB32	025860413																3
F33	Fuse- FB33	025860511								3								
	Fuse- FB33	025860512								3								
	Fuse- FB33	025860514												3	3		3	3
	Fuse- FB33	025860409													3			3
	Fuse- FB33	025860408													3		3	3
F34	Fuse- FB34	025860511								3								
	Fuse- FB34	025860512								3								
	Fuse- FB34	025860514												3	3		3	3
	Fuse- FB34	025860409													3			3
	Fuse- FB34	025860408													3		3	3
F35	Fuse- FB35	025860514													3	3		
F36	Fuse- FB36	025860514															3	3

Section G- Blow-Thru Heat Section

Option 3- Electric Heat: Code 04= A AND Code 34 first digit = E
Electric Heat Control Box- 3/05 & Later
160- 320KW Components

Sch. Sym.	Part Description	Part Number	Heater KW=							
			160	200	240	280	320			
			460V 575V	460V 575V	460V 575V	460V 575V	460V 575V	460V 575V	460V 575V	460V 575V
PB3	Power Block until 10/ 06 ³	030372744	1	1						
	Power Block until 10/ 06 ³	030372752			1	1	1	1	1	1
	Cover- PB3 until 10/ 06 ³	349938302	1	1	1	1	1	1	1	1
	Power Block 10/ 06 & Later ³	030372785	1	1	1	1	1	1	1	1
PB31	Power Block ⁴ 1/07 & Later ³									
	used w/100A, 150A DS3	030372777	1	1	1	1	1	1	1	1
	used w/250A DS3	030372783	1	1	1	1	1	1	1	1
	used w/400A DS3	030372785	1	1	1	1	1	1	1	1
	used w/600A DS3	030372721 ⁵	1	1	1	1	1	1	1	1
DS3	Disconnect Switch	²								
HS3	Switch	033696300	1	1	1	1	1	1	1	1
TB11	Terminal Block until 10/ 06 ³	349930603	1	1	1	1	1	1	1	1
	Terminal Block 10/ 06 & Later ³	349930621	1	1	1	1	1	1	1	1
M31	Contactor until 10/ 06 ³	349932301	1	1	1	1	1	1	1	1
M32	Contactor until 10/ 06 ³	349932301	1	1	1	1	1	1	1	1
M33	Contactor until 10/ 06 ³	349932301	1	1				1	1	1
	Contactor until 10/ 06 ³	349932201			1	1	1			
M34	Contactor until 10/ 06 ³	349932301	1	1				1	1	1
	Contactor until 10/ 06 ³	349932201			1	1	1			
M41	Contactor until 10/ 06 ³	349932301							1	1
	Contactor until 10/ 06 ³	349932201			1	1	1	1		
M42	Contactor until 10/ 06 ³	349932301							1	1
	Contactor until 10/ 06 ³	349932201			1	1	1	1		
M43	Contactor until 10/ 06 ³	349932301				1	1	1	1	1
	Contactor until 10/ 06 ³	349932201			1	1				
M44	Contactor until 10/ 06 ³	349932301				1	1	1	1	1
	Contactor until 10/ 06 ³	349932201			1	1				
M31	Contactor 1/07 & Later ³	349932322	1	1	1	1	1	1	1	1
M32	Contactor 1/07 & Later ³	349932322	1	1	1	1	1	1	1	1
M33	Contactor 1/07 & Later ³	349932322	1	1				1	1	1
	Contactor 1/07 & Later ³	349932221			1	1	1			
M34	Contactor 1/07 & Later ³	349932322	1	1				1	1	1
	Contactor 1/07 & Later ³	349932221			1	1	1			
M41	Contactor 1/07 & Later ³	349932322							1	1
	Contactor 1/07 & Later ³	349932321			1	1	1	1		
M42	Contactor 1/07 & Later ³	349932322							1	1
	Contactor 1/07 & Later ³	349932321			1	1	1	1		
M43	Contactor 1/07 & Later ³	349932322				1	1	1	1	1
	Contactor 1/07 & Later ³	349932321			1	1				
M44	Contactor 1/07 & Later ³	349932322				1	1	1	1	1
	Contactor 1/07 & Later ³	349932321			1	1				

¹ Part number is for one section. The number of sections used is determined by the options installed.

² See chart 3 pages prior.

³ For units built between 10/1/06 and 12/31/06 contact Daikin Applied to ensure correct part is ordered.

⁴ Not Used when PB3 Power Block connection is present.

⁵ Cover— PB31 used with 600A DS3= p/n 349938345.

Section G- Blow-Thru Heat Section

Option 3- Electric Heat: Code 04= A AND Code 34 first digit = E

Electric Heat Control Box- 3/05 & Later

160- 320KW Components, Continued

Sch. Sym.	Part Description	Part Number	Heater KW=									
			160		200		240		280		320	
			460V	575V	460V	575V	460V	575V	460V	575V	460V	575V
FB31	Fuse Block	023780230	1	1	1	1	1	1	1	1	1	1
FB32	Fuse Block	023780230	1	1	1	1	1	1	1	1	1	1
FB33	Fuse Block	023780230	1	1					1	1	1	1
	Fuse Block	023780225			1	1	1	1				
FB34	Fuse Block	023780230	1	1					1	1	1	1
	Fuse Block	023780225			1	1	1	1				
FB41	Fuse Block	023780230									1	1
	Fuse Block	023780225			1	1	1	1	1	1		
FB42	Fuse Block	023780230									1	1
	Fuse Block	023780225			1	1	1	1	1	1		
FB43	Fuse Block	023780230					1	1	1	1	1	1
	Fuse Block	023780225			1	1						
FB44	Fuse Block	023780230					1	1	1	1	1	1
	Fuse Block	023780225			1	1						
F31	Fuse- FB31	025860414	3		3		3		3		3	
	Fuse- FB31	025860413		3		3		3		3		3
F32	Fuse- FB32	025860414	3		3		3		3		3	
	Fuse- FB32	025860413		3		3		3		3		3
F33	Fuse- FB33	025860414	3						3		3	
	Fuse- FB33	025860413		3						3		3
	Fuse- FB33	025860409			3		3					
	Fuse- FB33	025860408				3		3				
F34	Fuse- FB34	025860414	3						3		3	
	Fuse- FB34	025860413		3						3		3
	Fuse- FB34	025860409			3		3					
	Fuse- FB34	025860408				3		3				
F41	Fuse- FB41	025860409			3		3		3			
	Fuse- FB41	025860408				3		3		3		
	Fuse- FB41	025860414									3	
	Fuse- FB41	025860413										3
F42	Fuse- FB42	025860409			3		3		3			
	Fuse- FB42	025860408				3		3		3		
	Fuse- FB42	025860414									3	
	Fuse- FB42	025860413										3
F43	Fuse- FB43	025860409			3							
	Fuse- FB43	025860408				3						
	Fuse- FB43	025860414					3		3		3	
	Fuse- FB43	025860413						3		3		3
F44	Fuse- FB44	025860409			3							
	Fuse- FB44	025860408				3						
	Fuse- FB44	025860414					3		3		3	
	Fuse- FB44	025860413						3		3		3

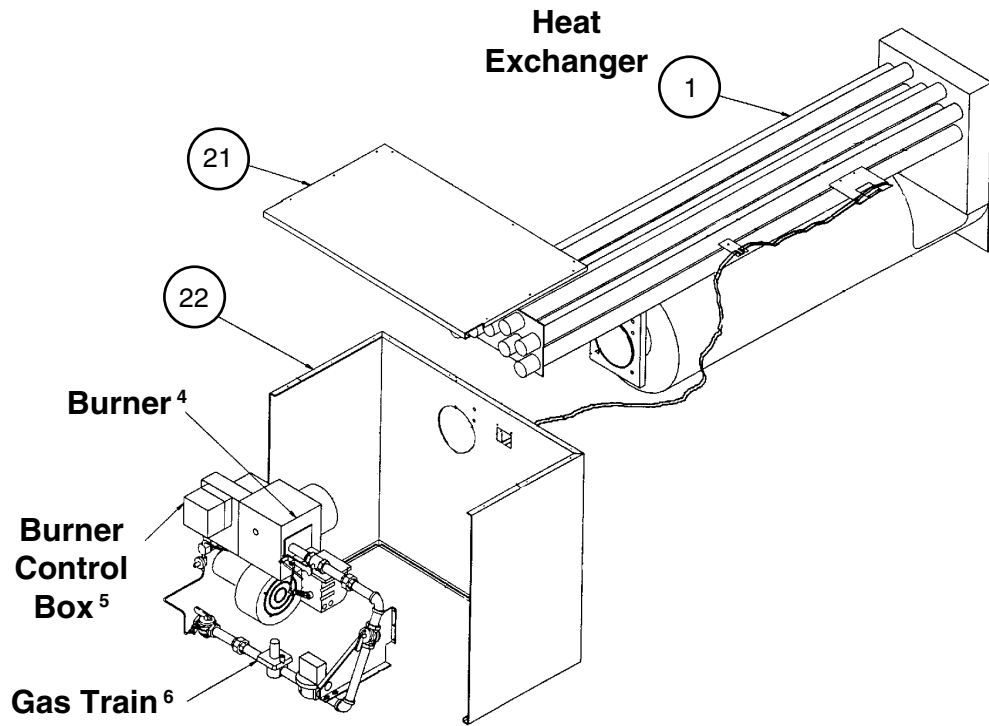
Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A

Heat Exchangers & Vestibules

500, 640, 650, 790, 800, 1000, 1100, 1400 MBH Furnaces

Code 34= 050**, 064**, 065**, 079**, 080**, 100**, 110**, 140**



Ref No.	Part Description	500/640 MBH	650/790 MBH	800/1000 MBH	1100/1400 MBH	Qty.
1	Heat Exch.- Aluminized Sec. C34= ***A**	1	1	1	1	1
	Heat Exch. Kit- S.S. Sec. C34= ***S**	098322521 ²	098322522 ²	098322523 ²	098322524 ²	1
21	Vestibule	055636326	055636326	055636326	055636326	1
22	Vestibule	055636322	055636323	055636324	055636325	1
N/S	Turbulator	058387201	058387201	058387201	058387201	³

N/S= Not shown on diagram.

¹ Aluminized Secondary Heat Exchangers are no longer available. Use the comparable Stainless Steel Secondary Kit p/n instead.

² Kit includes the Heat Exchanger, Flue Front Cover, Flue Back Cover, Inspection Door, and Inspection Door Gasket.

³ Quantity varies depending upon the size of the Heat Exchanger. For 500/640 MBH order 9 pc.; for 650/790 MBH order 12 pc.; for 800/1000 MBH order 15 pc.; for 1100/1400 order 22 pc. Note that the required Turbulators are NOT included in the Heat Exchanger Kits.

⁴ Parts detail follows this section.

⁵ Parts detail follows Burner section.

⁶ Parts detail follows Burner Control Box section.

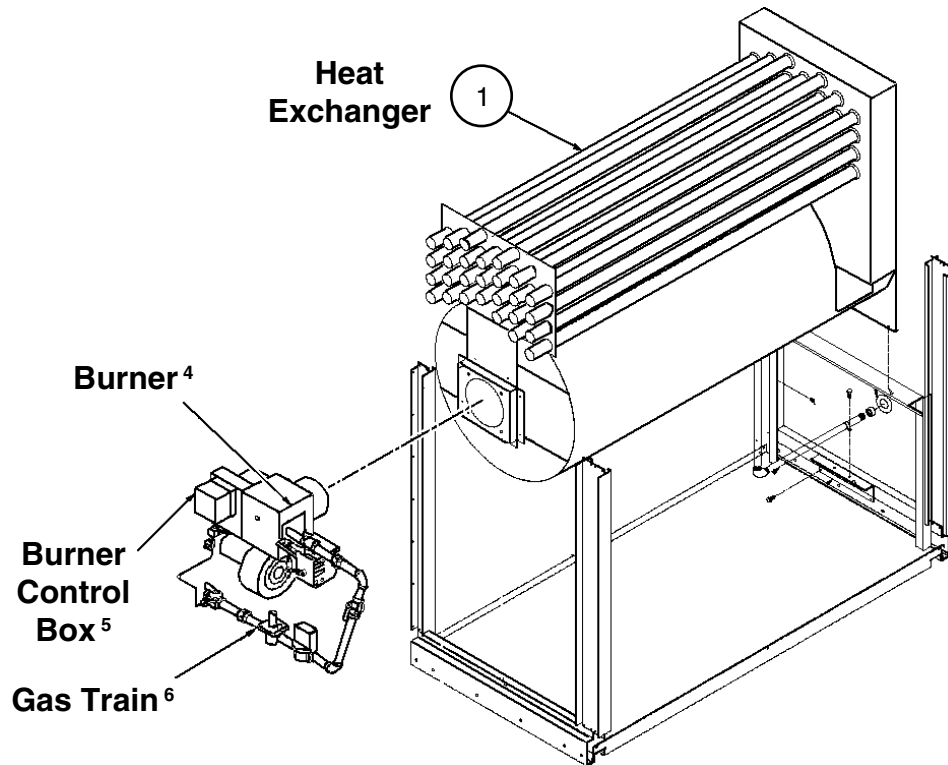
Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A

Heat Exchangers

1500, 2000 MBH Furnaces

Code 34= 150***, 200***



Ref No.	Part Description		1500/2000 MBH	Qty.
1	Heat Exchanger- Aluminized Secondary	Code 34= ***A**	1	1
	Heat Exchanger Kit- Stainless Steel Secondary	Code 34= ***S**	098322525 ²	1
N/S	Turbulator		058387201 ³	27

N/S= Not shown on diagram.

¹ Aluminized Secondary Heat Exchangers are no longer available. Use the comparable Stainless Steel Secondary Kit p/n instead.

² Kit includes the Heat Exchanger, Flue Front Cover, Flue Back Cover, Inspection Door, and Inspection Door Gasket.

³ Note that the required Turbulators are NOT included in the Heat Exchanger Kit.

⁴ Parts detail follows this section.

⁵ Parts detail follows Burner section.

⁶ Parts detail follows Burner Control Box section.

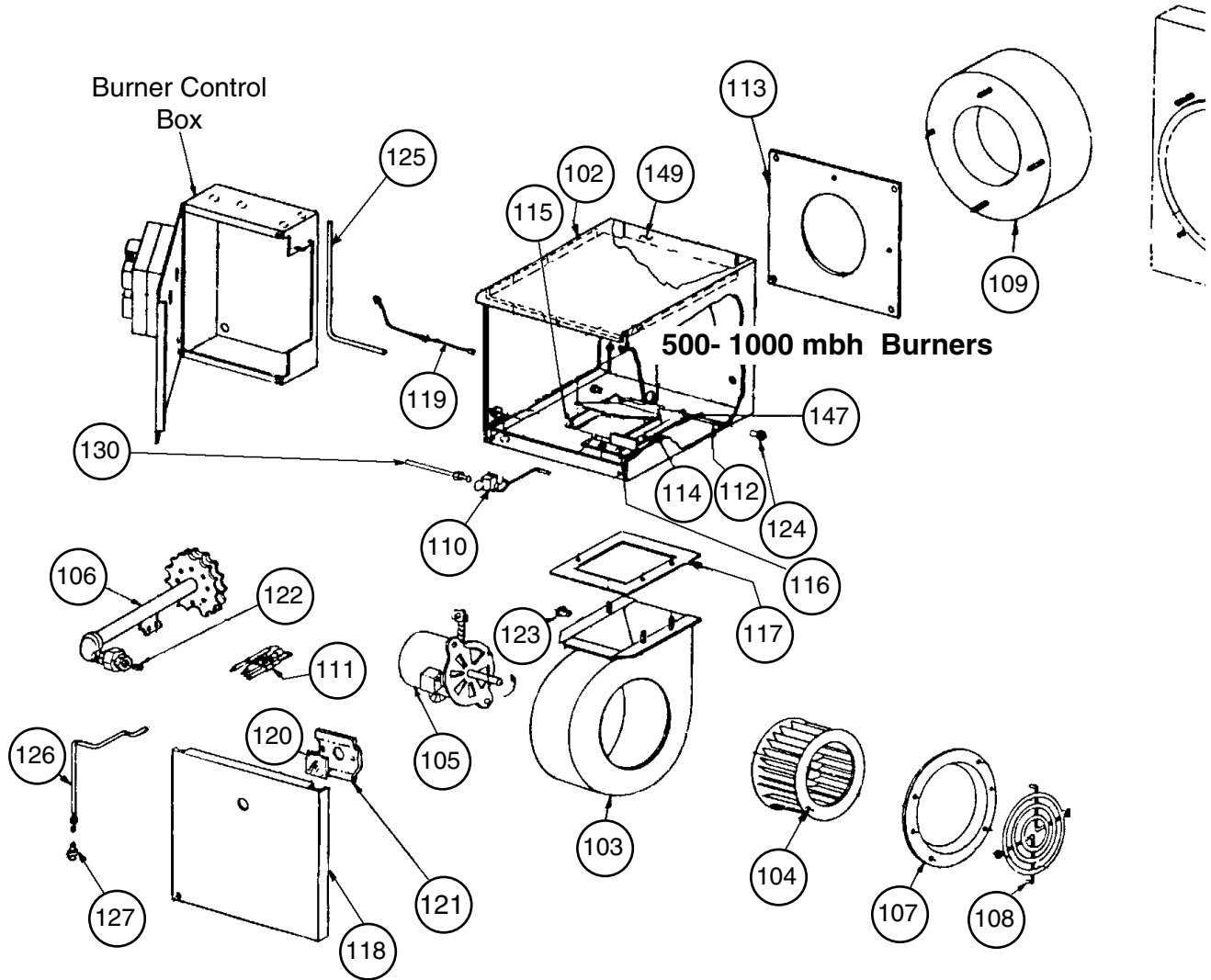
Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A

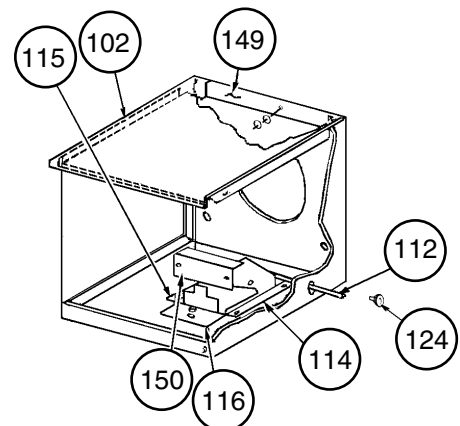
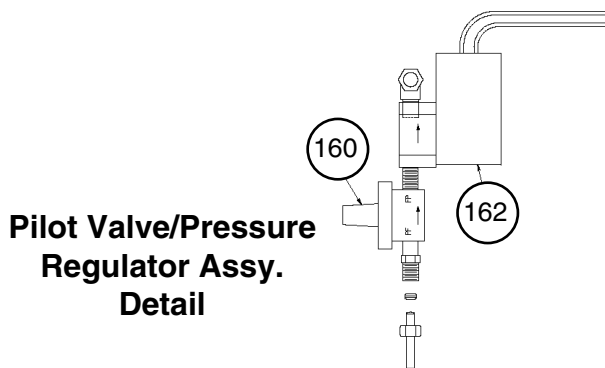
Modulating OR Single Stage Burner:

Code 34= ****A*, ****P*, ****Q*, ****E*, ****R*, ****S*

Diagrams



Housing Detail:1100- 2000 mbh Burners



Section G- Blow-Thru Heat Section
Option 4- Gas Heat: Code 04= A
Modulating OR Single Stage Burner:
Code 34= **A*, ****P*, ****Q*, ****E*, ****R*, ****S***
Components

Ref No.	Part Description	Burner Approval Code		Qty.
		C07= EU UL/ETL	C07= CC, CD CSA	
102	Burner Housing			
	500- 1000 MBH Furnace	059362302	059362302	1
	1100- 2000 MBH Furnace	066673702	066673702	1
103	Scroll			
	500- 1000 MBH Furnace	035740701	035740701	1
	1100- 2000 MBH Furnace	035740901	035740901	1
104	Wheel- .5" bore			
	500- 1000 MBH Furnace	034861102	034861102	1
	1100- 1500 MBH Furnace	034249005	034249005	1
	2000 MBH Furnace	034249004	034249004	1
105	Motor			
	500- 1000 MBH Furnace	034249200	034249200	1
	1100- 1500 MBH Furnace	032248600	032248600	1
	2000 MBH Furnace	032248400	032248400	1
106	Gun Assembly			
	500 MBH Furnace	034880001	034880001	1
	640, 650 MBH Furnace	034880002	034880002	1
	790, 800 MBH Furnace	034880003	034880003	1
	1000 MBH Furnace	034880004	034880004	1
	1100 MBH Furnace	035721001	035721001	1
	1400 MBH Furnace	035721002	035721002	1
	1500 MBH Furnace	035721003	035721003	1
	2000 MBH Furnace	036235700	036235700	1
107	Inlet Funnel			
	500- 1000 MBH Furnace	034743101	034743101	1
	1100- 2000 MBH Furnace	034743102	034743102	1
108	Fan Guard	034742800	034742800	1
109	Blast Tube			
	500- 650 MBH Furnace	034101703	034101703	1
	790- 1000 MBH Furnace	034101707	034101707	1
	1100, 1400 MBH Furnace	034101706	034101706	1
	1500, 2000 MBH Furnace	035164701	035164701	1

Section G- Blow-Thru Heat Section
Option 4- Gas Heat: Code 04= A
Modulating OR Single Stage Burner:
Code 34= **A*, ****P*, ****Q*, ****E*, ****R*, ****S***
Components, Continued

Ref No.	Part Description	Burner Approval Code		Qty.
		C07= EU UL/ETL	C07= CC, CD CSA	
110	Pilot Mixer			
	500- 1000 MBH Furnace	036516401	036516401	1
	1100- 2000 MBH Furnace	036516402	036516402	1
111	Pilot Assembly	035019600	035019600	1
	Flame Rod			
	Code 34 [5th digit]= E, R, S	300032902	300032902	1
112	Damper Assembly			
	500- 1000 MBH Furnace	035721501	048791401	1
	1100- 2000 MBH Furnace	035721502	048791402	1
113	Blast Tube Gasket			
	500- 1000 MBH Furnace	034102000	034102000	1
	1100, 1400 MBH Furnace	034101900	034101900	1
	1500, 2000 MBH Furnace	034101900	034101900	2
114	Right Side Damper			
	500 MBH Furnace	058594301	058594301	1
	640 MBH Furnace	058595201	058595201	1
	650- 1000 MBH Furnace	058594501	058594501	1
	1100 MBH Furnace	059366301	059366301	1
	1400 MBH Furnace	059366201	059366201	1
	1500, 2000 MBH Furnace	059365501	059365501	1
115	Left Side Damper			
	500, 640 MBH Furnace	058595001	058595001	1
	650- 1000 MBH Furnace	058594401	058594401	1
	1100 MBH Furnace	059366501	059366501	1
	1400 MBH Furnace	059366401	059366401	1
	1500, 2000 MBH Furnace	059365101	059365101	1
116	Slide Damper			
	500 MBH Furnace	058594805	058594815	1
	640 MBH Furnace	058594806	058594816	1
	650 MBH Furnace	058594807	058594817	1
	790 MBH Furnace	058594808	058594818	1
	800 MBH Furnace	058594809	058594819	1
	1000 MBH Furnace	058594810	058594820	1
	1100 MBH Furnace	058594831	058594831	1
	1400 MBH Furnace	058594837	058594837	1
	1500 MBH Furnace	058594843	058594843	1
	2000 MBH Furnace	058594849	058594849	1
117	Blower Gasket	035019500	035019500	1
118	Burner Cover			
	500- 1000 MBH Furnace	033972100	033972100	1
	1100- 2000 MBH Furnace	033973101	033973101	1
119	Ignition Assembly			
	500- 1000 MBH Furnace	034742900	034742900	1
	1100- 2000 MBH Furnace	036518500	036518500	1

Section G- Blow-Thru Heat Section
Option 4- Gas Heat: Code 04= A
Modulating OR Single Stage Burner:
Code 34= **A*, ****P*, ****Q*, ****E*, ****R*, ****S***
Components, Continued

Ref No.	Part Description	Burner Approval Code		Qty.
		C07= EU UL/ETL	C07= CC, CD CSA	
120	Glass Cover	036557000	036557000	1
121	Glass Cover Support	036009600	036009600	1
122	Orifice			
	500 MBH Furnace	058599101	058599101	1
	640 MBH Furnace	058599102	058599102	1
	650 MBH Furnace	058599103	058599103	1
	790 MBH Furnace	058599104	058599104	1
	800 MBH Furnace	058599104	058599104	1
	1000 MBH Furnace	058599201	058599201	1
	1100 MBH Furnace	059364601	059364601	1
	1400 MBH Furnace	059364602	059364602	1
	1500 MBH Furnace	059364603	059364603	1
123	Clip	034919400	034919400	1
124	Flange Bearing	034252000	034252000	2
125	Air Switch Tube			
	500- 1000 MBH Furnace	034102801	034102801	1
	1100- 2000 MBH Furnace	034102701	034102701	1
126	Pilot Burner Tube			
	500- 1000 MBH Furnace	036236100	036236100	1
	1100, 1400 MBH Furnace	036236200	036236200	1
	1500, 2000 MBH Furnace	036519900	036519900	1
127	Compression Fitting	034097500	034097500	1
130	Pilot Tube	034102601	034102601	1
147	Torsion Spring	Not Used	037528600	1
149	Burner Box Baffle			
	500- 1000 MBH Furnace	058597902	058597902	1
	1100- 2000 MBH Furnace	059365801	059365801	1
150	Damper, Slide- Top			
	1100 MBH Furnace	058594830	Not Used	1
	1400 MBH Furnace	058594836	Not Used	1
	1500 MBH Furnace	058594842	Not Used	1
	2000 MBH Furnace	058594848	Not Used	1
160	Valve- Pressure Regulator	034077600	034077600	1
162	Valve- Solenoid	034488400	034488400	1

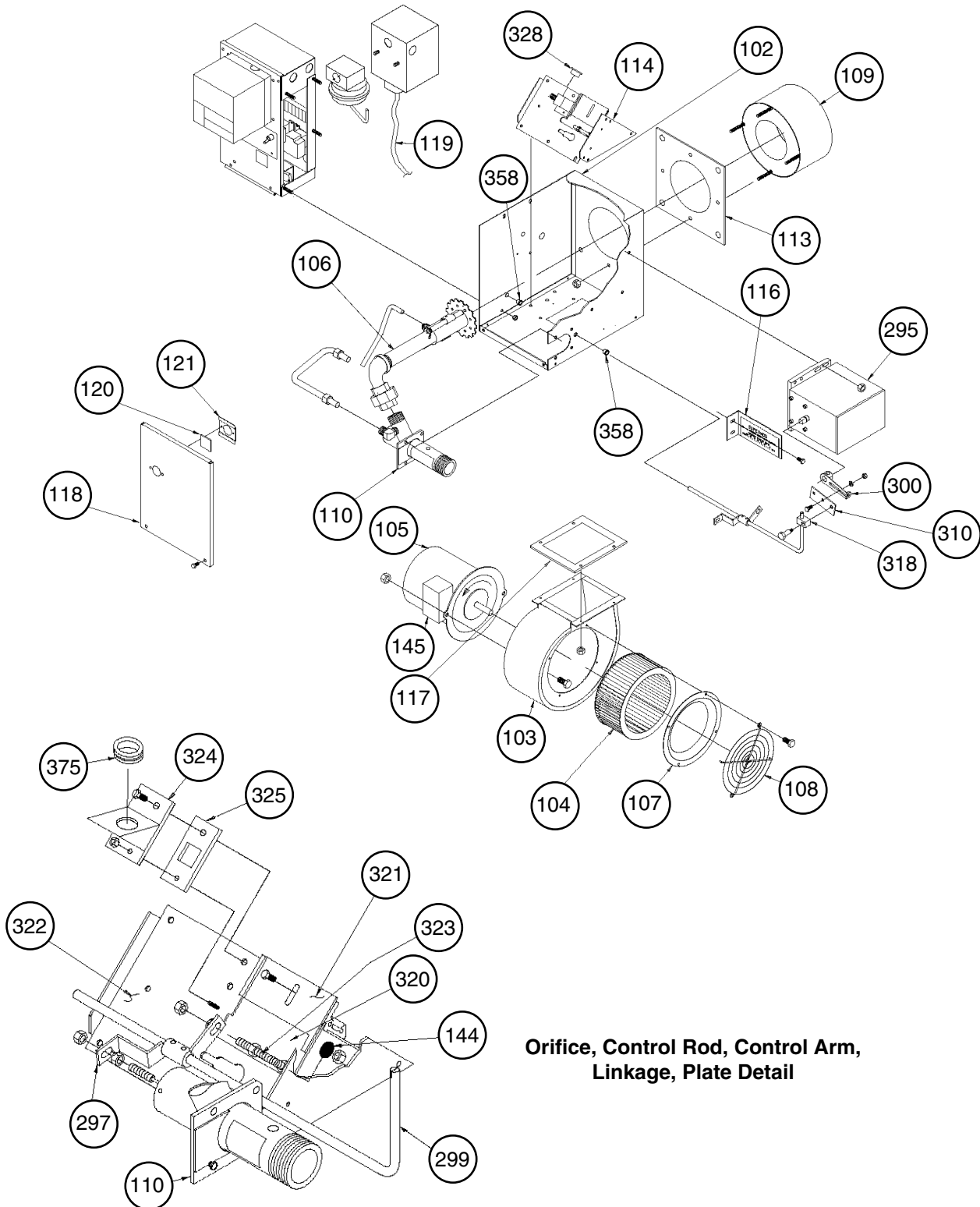
Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A

Hi Turn Down Burner:

Code 34= ****H*, ****T*, ****U*

Diagrams



Orifice, Control Rod, Control Arm,
Linkage, Plate Detail

Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A

Hi Turn Down Burner

Code 34= ****H*, ****T*, ****U*

Components

Ref No.	Part Description	Burner Approval Code		Qty.
		C07= EU UL/ETL	C07= CC, CD CSA	
102	Burner Housing			
	500- 1000 MBH Furnace	059862103	059862103	1
	1100- 2000 MBH Furnace	059862133	059862133	1
103	Scroll			
	500 thru 800 MBH Furnace	096434806	096434806	1
	1000- 2000 MBH Furnace	059862136	059862136	1
104	Wheel- .5" bore			
	500- 800 MBH Furnace	034861102	034861102	1
	1000- 1500 MBH Furnace	034249005	034249005	1
	2000 MBH Furnace	034249004	034249004	1
105	Motor- .25 HP, 115/60/1			
	500- 800 MBH Furnace	034249200	034249200	1
	1000- 1500 MBH Furnace	032248600	032248600	1
	2000 MBH Furnace	032248400	032248400	1
106	Gun Assembly			
	500 MBH Furnace	096414805	096414805	1
	640, 650 MBH Furnace	096414806	096414806	1
	790, 800 MBH Furnace	096414808	096414808	1
	1000 MBH Furnace	096414810	096414810	1
	1100 MBH Furnace	096414811	096414811	1
	1400 MBH Furnace	096414812	096414812	1
	1500 MBH Furnace	096414813	096414813	1
	2000 MBH Furnace	096414814	096414814	1
107	Inlet Funnel			
	500- 800 MBH Furnace	034743101	034743101	1
	1000- 2000 MBH Furnace	034743102	034743102	1
108	Fan Guard	034742800	034742800	1
109	Blast Tube			
	500, 640 MBH Furnace	034101703	034101707	1
	650- 1000 MBH Furnace	034101707	034101707	1
	1100, 4000 MBH Furnace	034101706	034101706	1
	1500, 2000 MBH Furnace	035164701	035164701	1

Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A

Hi Turn Down Burner

Code 34= ****H*, ****T*, ****U*

Components, Continued

Ref No.	Part Description	Burner Approval Code		Qty.
		C07= EU UL/ETL	C07= CC, CD CSA	
110	Orifice Assembly			
	500 MBH Furnace	096414705	096414725	1
	640 MBH Furnace	096414706	096414726	1
	650 MBH Furnace	096414707	096414727	1
	790, 800 MBH Furnace	096414708	096414728	1
	1000 MBH Furnace	096414710	096414730	1
	1100 MBH Furnace	096414711	096414731	1
	1400 MBH Furnace	096414712	096414732	1
	1500 MBH Furnace	096414712	096414733	1
	2000 MBH Furnace	096414714	096414734	1
113	Gasket- Blast Tube			
	500- 1000 MBH Furnace	034102000	034102000	1
	1100- 2000 MBH Furnace	034101900	034101900	1
114	Air Box Assy			
	500- 1000 MBH Furnace	059862112	059862112	1
	1100- 2000 MBH Furnace	059862142	059862142	1
116	Plate- Actuator Scale	059645001	059645001	1
117	Gasket- Blower	035019500	035019500	1
118	Panel- Burner Box Cover			
	500- 1000 MBH Furnace	059388501	059388501	1
	1100- 2000 MBH Furnace	059649401	059649401	1
119	Ignition Wire Assy			
	500- 1000 MBH Furnace	034742902	034742902	1
	1100- 2000 MBH Furnace	036518500	036518500	1
	Flame Rod	059867701	059867701	1
120	Glass Cover- Burner	036557000	036557000	1
121	Support- Glass Cover	036009600	036009600	1
144	Grommet- Flat	060017701	060017701	1
145	Box- Conduit (500- 800 MBH only)	036558800	036558800	1
295	Motor- Actuator			
	Until 3/01	047936110	047936110	1
	3/01 & Later	111047701	111047701	1
297	Control Arm			
	500- 1000 MBH Furnace	059862114	059862114	1
	1100- 2000 MBH Furnace	059862144	059862144	1
299	Control Rod			
	500- 1000 MBH Furnace	059861101	059861101	1
	1100- 2000 MBH Furnace	059650501	059650501	1
300	Crank Arm			
	500- 1000 MBH Furnace	059645101	059645101	1
	1100- 2000 MBH Furnace	023463200	023463200	1

Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A

Hi Turn Down Burner

Code 34= ****H*, ****T*, ****U*

Components, Continued

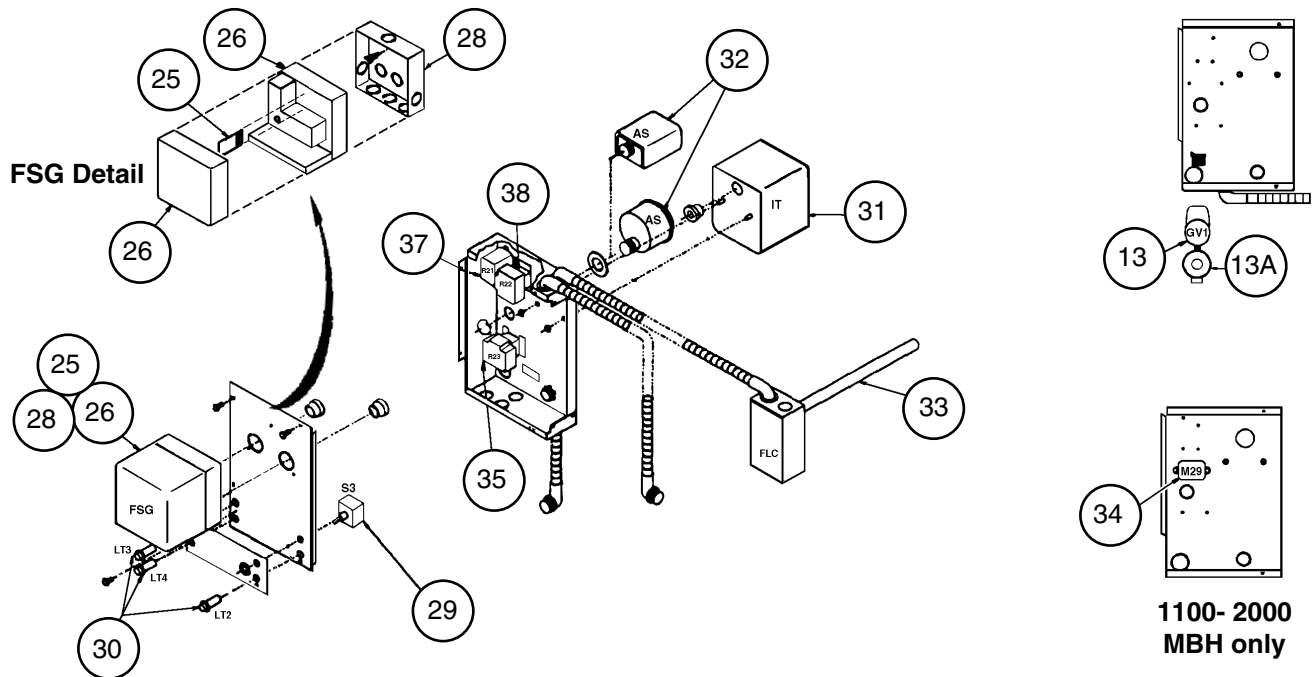
Ref No.	Part Description	Burner Approval Code		Qty.
		C07= EU UL/ETL	C07= CC, CD CSA	
310	Extension- Crank Arm	059862110	059862110	1
318	Bushing- Control Rod	059861301	059861301	1
320	Linkage	096414901	096414901	1
321	Plate- Adjustable			
	500 MBH Furnace	060086401	096422901	1
	640 MBH Furnace	096417701	096417801	1
	650 MBH Furnace	096416301	096416301	1
	790 MBH Furnace	060097101	060097101	1
	800 MBH Furnace	060097101	096422701	1
	1000 MBH Furnace	060092401	060097301	1
	1100 MBH Furnace	096422501	096422501	1
	1400 MBH Furnace (until 7/06)	096422101	096422101	1
	1400 MBH Furnace (7/06 & Later)	096420201	096420201	1
	1500 MBH Furnace	096420201	096420201	1
	2000 MBH Furnace	096420301	096420301	1
322	Plate- Profile			
	500 MBH Furnace	060086101	060086101	1
	640 MBH Furnace	096417901	096417901	1
	650 MBH Furnace	096415301	096418001	1
	790 MBH Furnace	096416501	096416501	1
	800 MBH Furnace	060096901	060097001	1
	1000 MBH Furnace	060092601	060097201	1
	1100 MBH Furnace	059648801	096422401	1
	1400 MBH Furnace	096422201	096422301	1
	1500 MBH Furnace	096419801	096419901	1
	2000 MBH Furnace	096419701	096420001	1
323	Plate- Slide Damper			
	500 MBH Furnace	060086301	060086301	1
	640, 650 MBH Furnace	096417601	096417601	1
	790, 800, 1000 MBH Furnace	060092501	060092501	1
	1100, 1400, 1500 MBH Furnace	059649201	059649201	1
	2000 MBH Furnace	096420401	096420501	1
324	Box- Air			
	500- 1000 MBH Furnace	060092201	060092201	1
	1100- 2000 Furnace	060092202	060092202	1
325	Gasket- Air Box			
	500- 1000 MBH Furnace	060092301	060092301	1
	1100- 2000 Furnace	096421701	096421701	1
328	Grommet	000498100	000498100	1
358	Bearing- Sleeve	046761000	046761000	2
375	Grommet			
	500- 1000 MBH Furnace	059988700	059988700	1
	1100- 2000 Furnace	059988800	059988800	1

Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A

Single Stage OR Modulating Burner Controls:

Code 34= ****A*, ****P*, ****Q*, ****E*, ****R*, ****S* AND
MicroTech OR No Controls (Code 12= 1M, 2M, 4M, 5M, YC, YM)
Until 6/95



Ref. No.	Sch. Sym.	Part Description	Furnace MBH		Qty.
			500- 1000	1100- 2000	
13	GV1	Valve- Gas Solenoid	034488400	034488400	1
13A		Valve- Pressure Regulator	034077600	034077600	1
25	FSG	Timer- Flame Safeguard, 90 Second			
		Modulating Burners/ UL Units	065824402	065824402	1
	FSG	Timer- Flame Safeguard, 30 Second			
		Modulating Burners/ CSA Units	065824401	065824401	1
		All Single Stage Burners	065824401	065824401	1
26	FSG	Flame Safeguard- Less Timer	065824201	065824201	1
28		Subbase- Flame Safeguard	065824301	065824301	1
29	S3	Switch- Furnace On/Off	033536700	033536700	1
30	LT2	Light- Furnace On	034251301	034251301	1
30	LT3	Light- Pilot Gas Valve On	034251301	034251301	1
30	LT4	Light- Main Gas Valve On	034251301	034251301	1
31	IT	Transformer- Ignition, 180 KVA	034482600	034482600	1
32	AS	Switch- Air Pressure, Blower	033003800	033003800	1
33	FLC	Control- Fan Limit	034082100	034082100	1
34	M29	Relay- Motor ¹	027400700	027400700	1
35	R23	Relay- Gas Heat Modulating Valve	044465500	044465500	1
37	R21	Relay- Gas Heat, 100% Outside Air, SPST	027400700	027400700	1
38	R22	Relay- Gas Heat, 100% Outside Air, DPDT	019643000	019643000	1

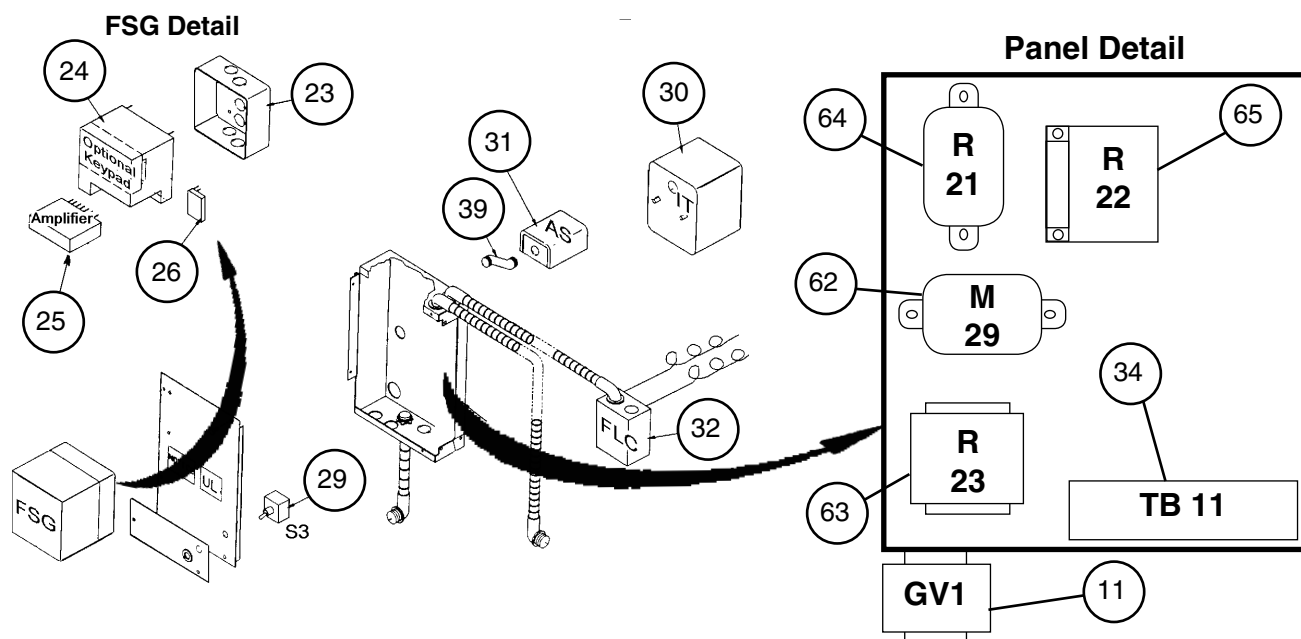
¹ 1100- 2000 MBH units only.

Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A

Single Stage OR Modulating Burner Controls:

Code 34= ****A*, ****P*, ****Q*, ****E*, ****R*, ****S* AND
MicroTech OR No Controls (Code 12= 1M, 2M, 4M, 5M, YC, YM)
7/95 thru 1/01



Ref No.	Sch. Sym.	Part Description	Furnace MBH:		Qty.
			500- 1000	1100- 2000	
11	GV1	Pressure Reg. Assy	039742000	039742000	1
		Valve Only	034077600	034077600	1
		Solenoid Valve	034488400	034488400	1
23		Flame Safeguard Subbase	073300701	073300701	1
24	FSG	Flame Safeguard- FSG	073300803 ¹	073300803 ¹	1
25		Amplifier- FSG	073300901	073300901	1
26		Flame Safeguard T.D. 90 Sec. Modulating Burner/UL Units	073301002	073301002	1
		Flame Safeguard T.D. 30 Sec. Modulating Burner/CSA	073301001	073301001	1
		All Single Stage Burners	073301001	073301001	1
29	S3	Toggle Switch- 4PST	033536700	033536700	1
30	IT	Ignition Transformer	034482600	034482600	1
31	AS	Air Switch- Gas Burner	033003800	033003800	1
32	FLC	Fan Limit Control	073337102	073337102	1
34	TB11	Terminal Block- 9 Pole	015998109	015998109	1
39		Fitting	067297701	067297701	1
62	M29	Contactor- Motor	Not Used	027400700	1
63	R23	Pilot Relay- DPDT	044465500	044465500	1
64	R21	Relay- 100% O.A. (Code 20= A*)	027400700 ²	027400700 ²	1
65	R22	Relay- 100% O.A. (Code 20= A*)	019643000 ²	019643000 ²	1

¹ The original Flame Safeguard, p/n 073300801 is obsolete and no longer available. For units built 7/95 thru 1/01 use p/n 073300803. When replacing 073300801 minor field modifications are required for proper installation and operation.

² Used on CSA (Code 07= CC, CD) units only.

Section G- Blow-Thru Heat Section

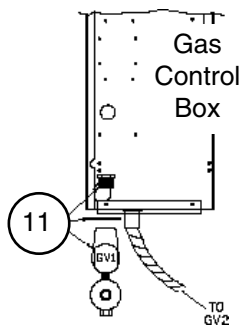
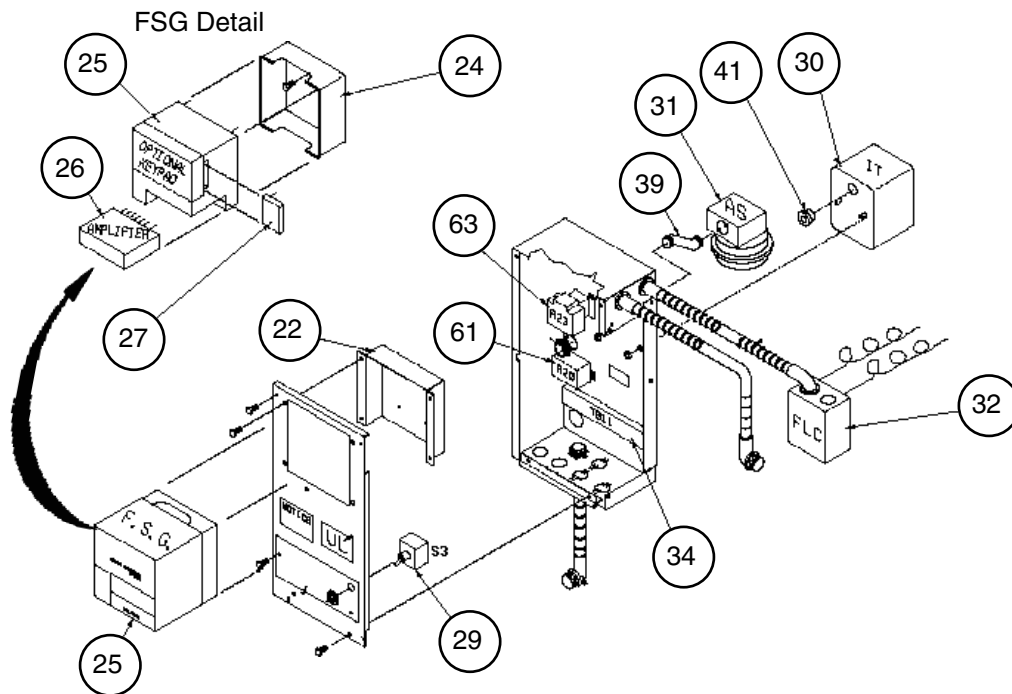
Option 4- Gas Heat: Code 04= A

Single Stage OR Modulating Burner Controls:

Code 34= ****A*, ****P*, ****Q*, ****E*, ****R*, ****S* AND
MicroTech II OR No Controls (Code 12= *D, *S, YM, YC)

Diagram

1/01 & Later



Section G- Blow-Thru Heat Section
Option 4- Gas Heat: Code 04= A
Single Stage OR Modulating Burner Controls:
Code 34= **A*, ****P*, ****Q*, ****E*, ****R*, ****S* AND**
MicroTech II OR No Controls (Code 12= *D, *S, YM, YC)
Components
1/01 & Later

Ref No.	Sch. Sym.	Part Description	Furnace MBH:		Qty.
			500- 1000	1100- 2000	
11	GV1	Pressure Reg. Assy	039742000	039742000	1
		Valve Only	034077600	034077600	1
		Solenoid Valve	034488400	034488400	1
22		Support	059388701	059388701	1
24		Flame Safeguard Subbase	073300702	073300702	1
25	FSG	Flame Safeguard 4/07 & Later ¹	073300803	073300803	1
26		Amplifier	073300901	073300901	1
27		Flame Safeguard T.D. 90 Sec. UL Units	073301002	073301002	1
		Flame Safeguard T.D. 30 Sec. CSA Units	073301001	073301001	1
29	S3	Toggle Switch- 4PST: S3	033536700	033536700	1
30	IT	Ignition Transformer	034482600	034482600	1
31		Air Switch- Gas Burner	033003800	033003800	1
32	FLC	Fan Limit Control 9/08 & Later ²	193423703	193423703	1
34	TB11	Terminal Block- 14 Pole	015998114	015998114	1
39		Fitting	067297701	067297701	1
41		Bushing	001242600	001242600	3
61	R20	Relay- SPDT Code 12= *D, *S	026213000	026213000	1
61	R20	Relay (Before 1/10) Code 12= YM, YC	061019403	061019403	1
N/S	R20A	Relay (1/01 & Later) Code 12= YM, YC	349934764	349934764	1
N/S		Relay Socket	349964702	349964702	1
63	R23	Relay (Before 1/10) Code 12= YM, YC	019643000	019643000	1
N/S	R23A	Pilot Relay (1/01 & Later, ETL only) C12= YM, YC	349934764	349934764	1
N/S		Mounting Adapter	349964702	349964702	1
N/S	R23B	Pilot Relay (1/01 & Later) Code 12= YM, YC	193454702	193454702	1
N/S		Relay Socket	193454801	193454801	1
62	M29	Contactor- Motor	Not Used	027400700	1
63	R23	Pilot Relay- DPDT	019643000	019643000	1

N/S= Not shown on diagram.

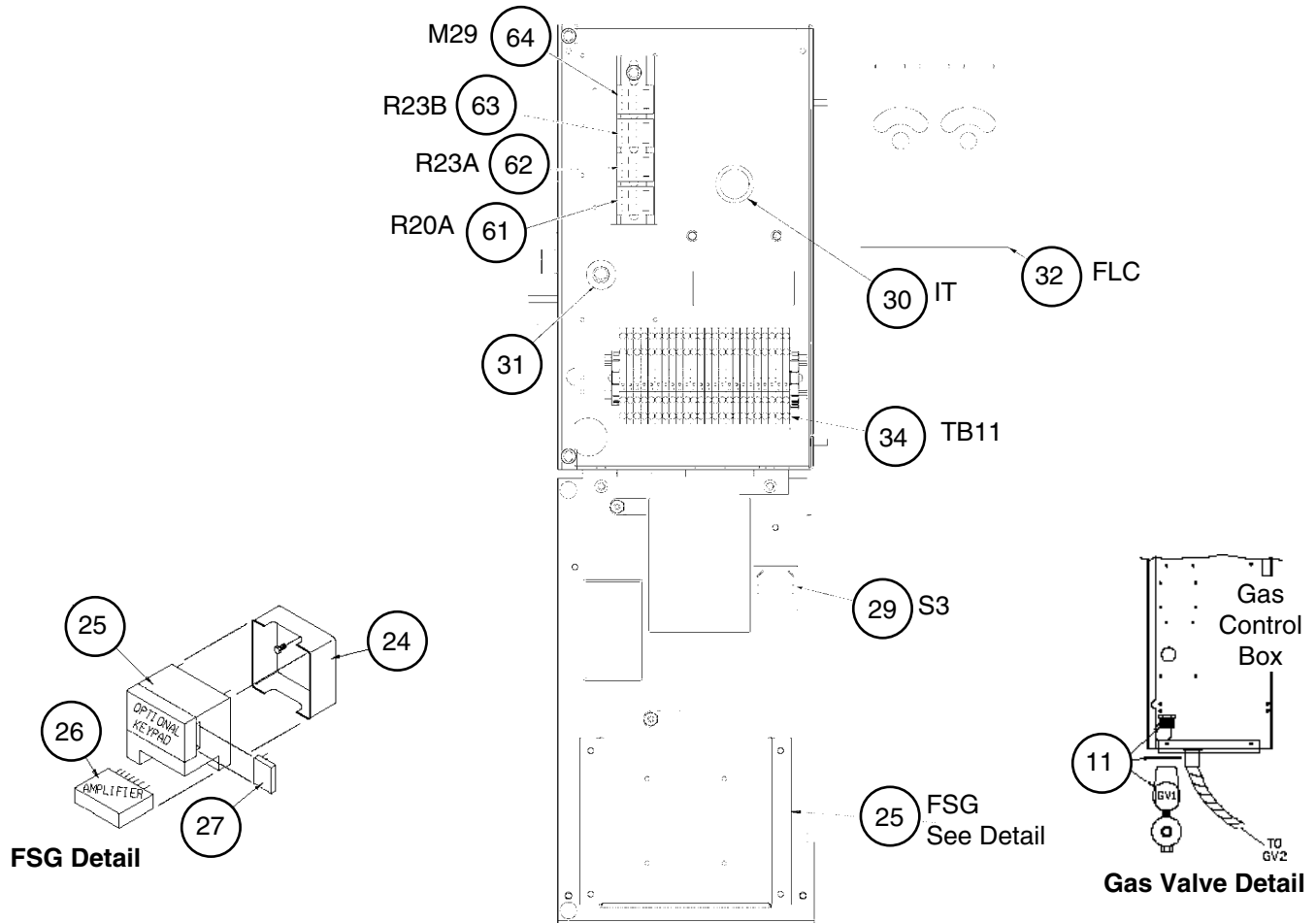
¹ The original part for units built 4/07 & Earlier is obsolete and no longer available. When replacing an original Flame Safeguard minor field modifications will be required for proper installation and operation.

² The original part for units built 9/08 & Earlier is obsolete and no longer available. When replacing an original Fan Limit Control minor field modifications will be required for proper installation and operation.

Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A

Modulating Burner Controls: Code 34= ****E*, ****R*, ****S* AND
MicroTech III Controls (Code 12= LE, LF, BE, BF, EE, EF, SE, SF)

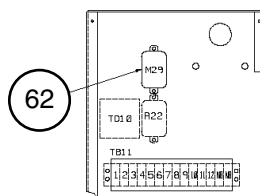
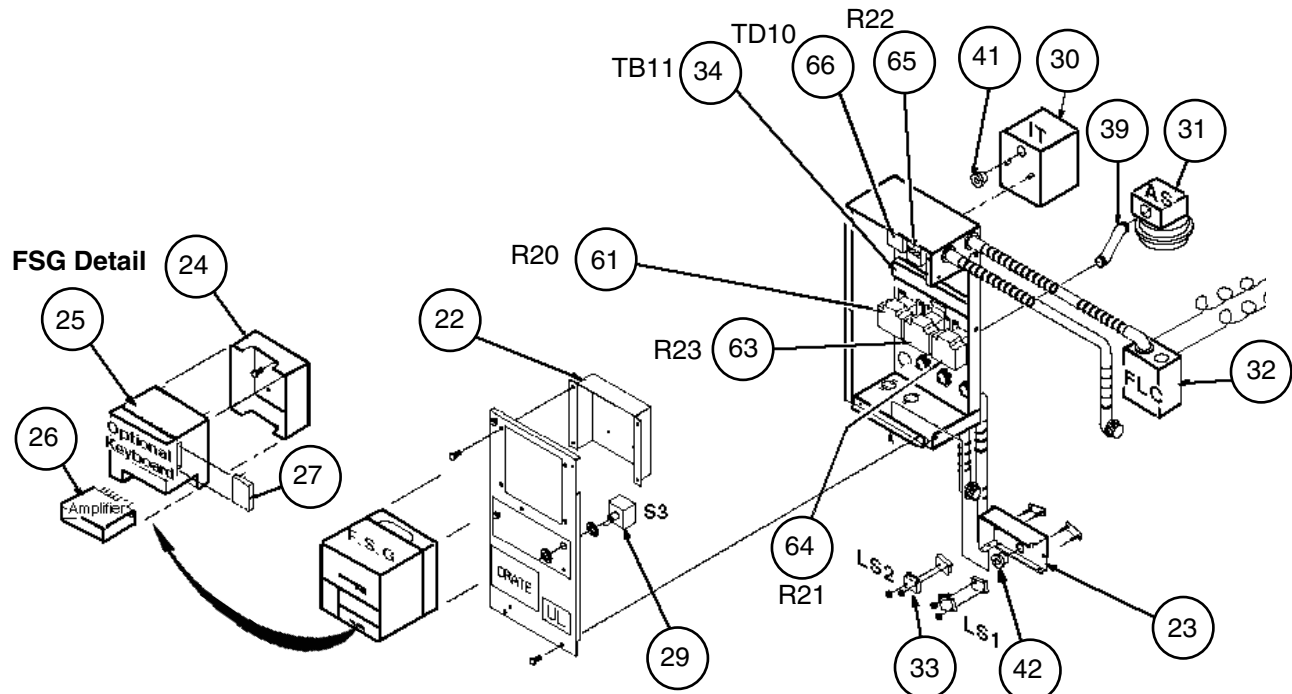


Ref No.	Sch. Sym.	Part Description	Furnace MBH:		Qty.
			500- 1000	1100- 2000	
11	GV1	Pressure Reg. Assy	039742000	039742000	1
		Valve Only	034077600	034077600	1
		Solenoid Valve	034488400	034488400	1
24		Flame Safeguard Subbase	073300702	073300702	1
25	FSG	Flame Safeguard	073300803	073300803	1
26		Amplifier	073300901	073300901	1
27		Flame Safeguard T.D. 90 Sec. UL Units	073301002	073301002	1
		Flame Safeguard T.D. 30 Sec. CSA Units	073301001	073301001	1
29	S3	Toggle Switch- 4PST: S3	033536700	033536700	1
30	IT	Ignition Transformer	034482600	034482600	1
31	AS	Air Switch- Gas Burner	033003800	033003800	1
32	FLC	Fan Limit Control	193423703	193423703	1
34	TB11	Terminal Block- 14 Pole	015998114	015998114	1
		Jumper- Terminal Block	001354100	001354100	1
61	R20A	Relay- High Amp DPDT/120V	349934764	349934764	1
62	R23A	Relay- High Amp DPDT/120V	349934764	349934764	1
63	R23B	Relay- Low Amp DPDT/120V	193424341	193424341	1
64	M29	Contactor- Motor DPDT/120V	Not Used	349934764	1

Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A

Hi Turn Down Burner Controls: Code 34= ****H*, ****T*, ****U* AND
MicroTech II OR No Controls (Code 12= *D, *S, YM)



**1100- 2000 MBH
Panel Detail**

Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A

Hi Turn Down Burner Controls: Code 34= ****H*, ****T*, ****U* AND
MicroTech II OR No Controls (Code 12= *D, *S, YM)

Components

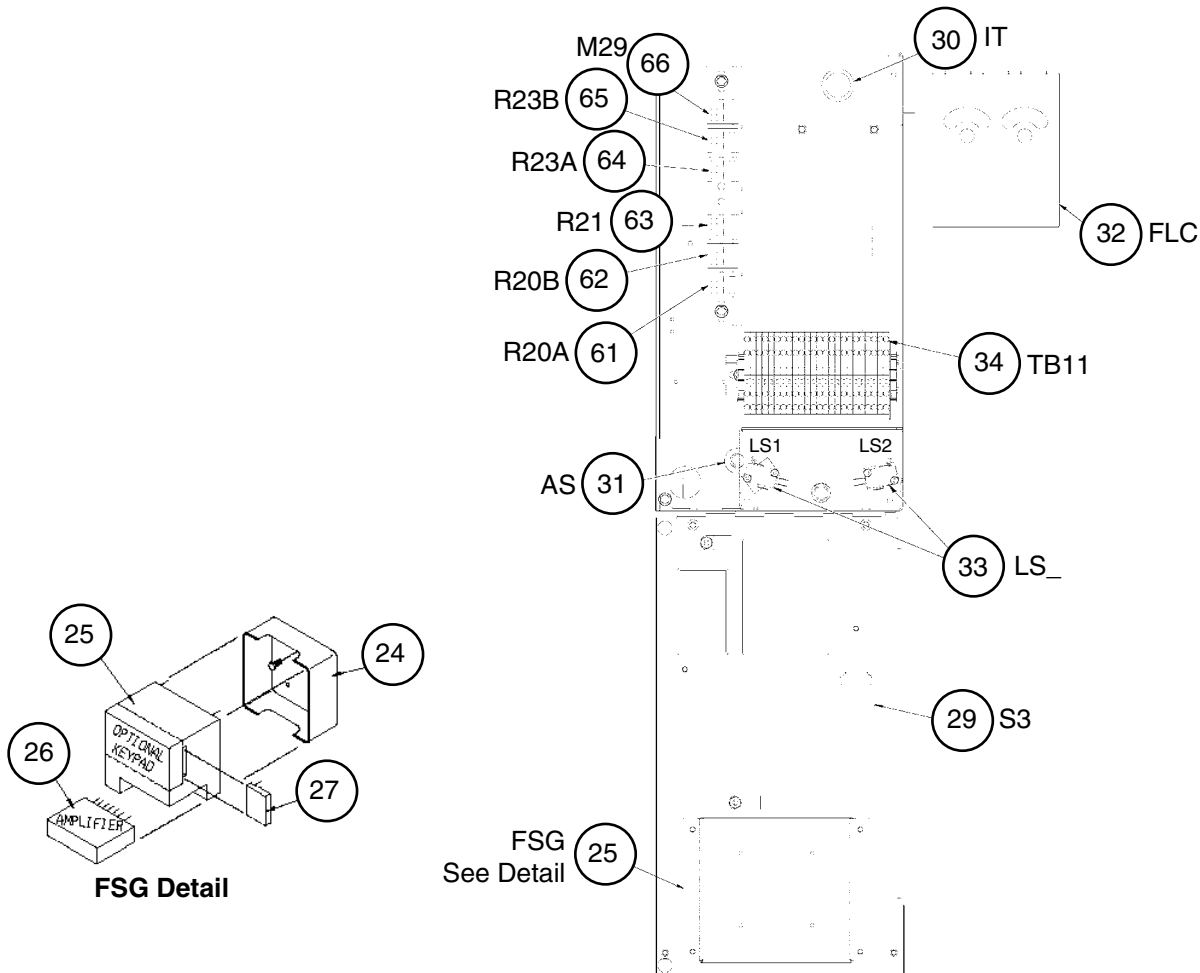
Ref No.	Sch. Sym.	Part Description	Furnace MBH		Qty.
			500- 1000	1100- 2000	
22		Support	059388701	059388701	1
23		Support	059388601	059649701	1
24		Subbase- Flame Safeguard	073300702	073300702	1
25	FSG	Flame Safeguard 4/07 & Later ¹	073300803	073300803	1
26		Amplifier	073300901	073300901	1
27		Time Delay- Flame Safeguard	073301003	073301003	1
29	S3	Switch- Toggle	033536700	033536700	1
30	IT	Transformer- Ignition	034482600	034482600	1
31	AS	Switch- Air	033003800	033003800	1
32	FLC	Control- Fan Limit Until 9/08	073337102	073337102	1
		Control- Fan Limit 9/08 & Later	193423703	193423703	1
33	LS1/LS2	Switch- Limit	059975301	059975301	2
34	TB11	Terminal Block	015998114	015998114	1
39		Fitting	067297701	067297701	1
41		Bushing	001242600	001242600	1
42		Bushing	049751901	049751901	1
61	R20	Relay			
		120V/DPDT- MicroTech Units Until 1/01	019643000	019643000	1
		24V/DPDT- MicroTech II Units 1/01 and later	016508002	016508002	1
N/S	R20A	Relay 120V 1/01 & Later	349934764	349934764	1
N/S		Mounting Adapter	349964702	349964702	1
N/S	R20B	Relay 120V 1/01 & Later	193454703	193454703	1
		Relay Socket	193454801	193454801	1
62	M29	Contactor- Motor	Not Used	027400700	1
63	R23	Relay- 120V/DPDT Until 3/10	019643000	019643000	1
N/S	R23B	Relay- 120VSPST 3/10 & Later	193454703	193454703	1
		Relay Socket	193454801	193454801	1
64	R21	Relay- 120V/DPDT Until 3/10	019643000	019643000	1
64	R21	Relay- 120V/DPDT 3/10 & Later	193454703	193454703	1
		Relay Socket	193454801	193454801	1
65	R22	Relay- 120VSPST Until 3/10	027400700	027400700	1
65	R22	Relay- 120VSPST 3/10 & Later	349964764	349964764	1
N/S		Mounting Adapter	349964702	349964702	1
66	TD10	Relay- Time Delay 20.0 Sec.	028210106	028210106	1

¹ The original Flame Safeguard, p/n 073300801, used 3/07 & Earlier, is obsolete and no longer available. For units built 3/07 & Earlier, use p/n 073300803. When replacing 073300801 minor field modifications are required for proper installation and operation.

Section G- Blow-Thru Heat Section

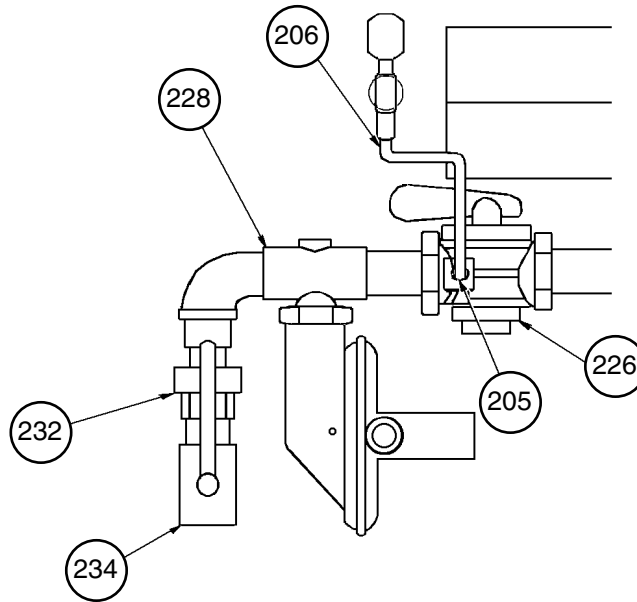
Option 4- Gas Heat: Code 04= A

Hi Turn Down Burner Controls: Code 34= ****H*, ****T*, ****U* AND
MicroTech III Controls (Code 12= *E, *F)



Ref No.	Sch. Sym.	Part Description	Furnace MBH		Qty.
			500- 1000	1100- 2000	
24		Subbase- Flame Safeguard	073300702	073300702	1
25	FSG	Control- Flame Safeguard	073300803	073300803	1
26		Amplifier	073300901	073300901	1
27		Time Delay- Flame Safeguard	073301002	073301002	1
29	S3	Switch- Toggle	033536700	033536700	1
30	IT	Transformer- Ignition	034482600	034482600	1
31	AS	Switch- Air	033003800	033003800	1
32	FLC	Control- Fan Limit	193423703	193423703	1
33	LS1/LS2	Switch- Limit	059975301	059975301	2
34	TB11	Terminal Block	015998114	015998114	1
		Jumper- Terminal Block	001354100	001354100	1
61	R20A	Relay- High Amp DPDT/120V	349934764	349934764	1
62	R20B	Relay- Low Amp DPDT/120V	193424341	193424341	1
63	R21	Relay- Low Amp DPDT/120V	193424341	193424341	1
64	R23A	Relay- High Amp DPDT/120V	Not Used	349934764	1
65	R23B	Relay- Low Amp DPDT/120V	Not Used	193424341	1
66	M29	Relay- High Amp DPDT/120V	Not Used	349934764	1

Section G- Blow-Thru Heat Section
Option 4- Gas Heat: Code 04= A
Single Stage OR Modulating Burner:
Code 34= **A*, ****E*, ****P*, ****Q*, ****R*, ****S***
Gas Train- Inlet
Until 6/96



Ref. No.	Heat Exch. Size/MBH	Part Description	Part Number	Qty.
205	500- 2000	Valve- Manual, Gas	034077300	1
206	500- 2000	Tube	036517130	1
226	500	Shut off Valve- 1.00" NPT	034077102	1
	640- 1000	Shut off Valve- 1.25" NPT	034077103	1
	1100- 1500	Shut off Valve- 1.50" NPT	034490205	1
	2000	Shut off Valve- 2.00" NPT	034490206	1
228	500	Regulator Valve- 1.00" NPT .31 Orifice	036619914	1
	640, 650	Regulator Valve- 1.25" NPT .38 Orifice	036619923	1
	790, 800	Regulator Valve- 1.25" NPT .50 Orifice	036619922	1
	1000, 1100	Regulator Valve- 1.25" NPT .62 Orifice	036619921	1
	1500, 2000	Regulator Valve- 1.25 NPT .50 Vent	034077900	1
232	500	Union- 1.00" NPT	027666800	1
	640- 1500	Union- 1.25" NPT	030731000	1
	2000	Union- 2.00" NPT	031318500	1
234	500	Shut off Valve- 1.00" NPT	046747803	1
	640- 2000	Shut off Valve- 1.25" NPT	046747804	1

Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A

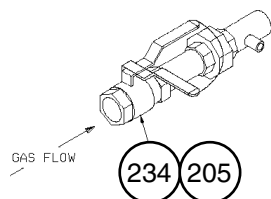
Single Stage OR Modulating Burner:

Code 34= ****A*, ****E*, ****P*, ****Q*, ****R*, ****S*

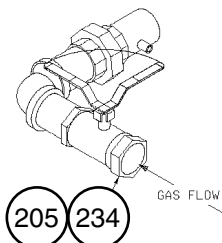
Gas Train- Inlet
6/96 & Later

Units without Pressure Regulator Valve:

Code 34= ****A*, ****E*



500- 1500 MBH

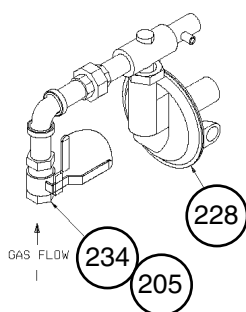


2000 MBH

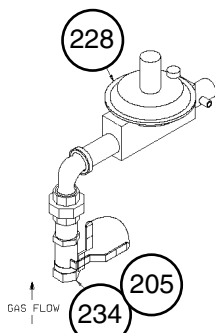
Ref No.	Part Description	Part Number	Qty.
205	Shutoff Valve		
	500- 2000 MBH	034077300	1
234	Gas Valve		
	500 MBH	059468802	1
	640- 1000 MBH	059468803	1
	1100- 1500 MBH	059468804	1
	2000 MBH	059468805	1

Units with Pressure Regulator Valve:

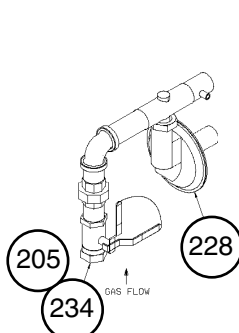
Code 34= ****P*, ****Q*, ****R*, ****S*



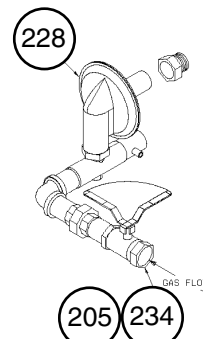
500, 640, 650, 800 MBH
Furnaces



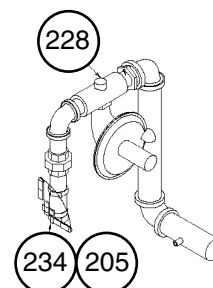
1000 MBH
Furnaces



1100, 1400 MBH
Furnaces



1500 MBH
Furnaces



2000 MBH
Furnaces

Ref No.	Part Description	Pressure Regulator		Qty.
		2- 3 PSI	5- 10 PSI	
205	Shutoff Valve	034077300	034077300	1
228	Pressure Regulator			
	500 MBH	036619914	036619915	1
	640, 650 MBH	036619923	036619925	1
	790, 800 MBH	036619922	036619924	1
	1000 MBH	073387201	036619923	1
	1100 MBH	073387302	036619923	1
	1400 MBH	073387301	073387303	1
	1500 MBH	073387301	073387302	1
	2000 MBH	073387306	073387301	1
234	Gas Valve			
	500 MBH	073387402	073387402	1
	640- 1500 MBH	073387403	073387403	1
	2000 MBH	073387404	073387403	1

Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A

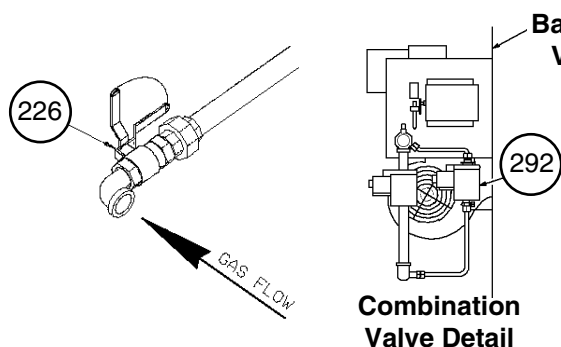
Hi Turn Down Burner:

Code 34= ****H*, ****T*, ****U*

Gas Train- Inlet

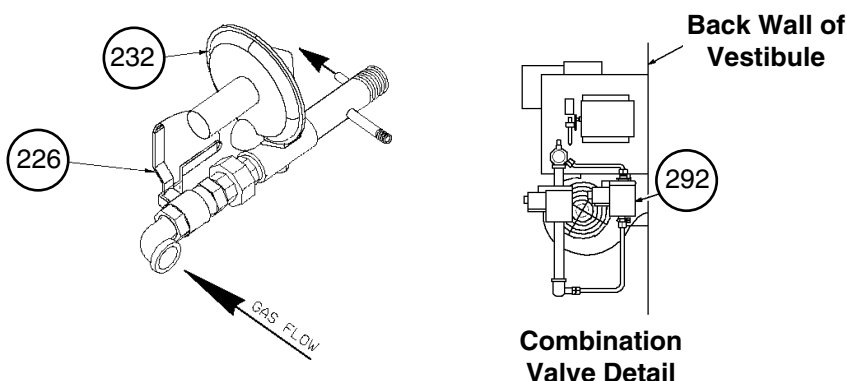
CSA Units— Code 07= CC, CD

Units without Pressure Regulator Valve: Code 34= ****H*



Ref No.	Part Description	Part Number	Qty.
226	Gas Valve		
	500 MBH	059468802	1
	640- 1000 MBH	059468803	1
	1100- 1500 MBH	059468804	1
	2000 MBH	059468805	1
292	Combination Valve	073336504	1

Units with Pressure Regulator Valve: Code 34= ****T*, ****U*



Ref No.	Part Description	Pressure Regulator		Qty.
		2- 3 PSI	5- 10 PSI	
226	Shutoff Valve			
	500 MBH	073387402	073387402	1
	640- 1500 MBH	073387403	073387403	1
	2000 MBH	073387404	073387403	1
232	Pressure Regulator			
	500 MBH	036619914	036619915	1
	640, 650 MBH	036619923	036619925	1
	790, 800 MBH	036619922	036619924	1
	1000 MBH	073387201	036619923	1
	1100 MBH	073387202	036619923	1
	1400 MBH	073387301	073387303	1
	1500 MBH	073387301	073387302	1
	2000 MBH	073387306	073387301	1
292	Valve- Combination	073336504	073336504	1

Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A

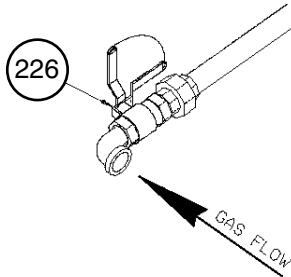
Hi Turn Down Burner: Code 34= ****H*, ****T*, ****U*

Gas Train- Inlet

UL Units— Code 07= EU

Units without Pressure Regulator Valve:

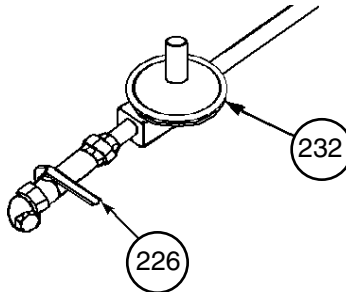
Code 34= ****H*



Ref No.	Part Description	Part Number	Qty.
226	Gas Valve		
	400, 500 MBH	059468802	1
	640- 1000 MBH	059468803	1
	1100- 1500 MBH	059468804	1
	2000 MBH	059468805	1

Units with Pressure Regulator Valve:

Code 34= ****T*, ****U*



Ref No.	Part Description	Pressure Regulator		Qty.
		2- 3 PSI	5- 10 PSI	
226	Shutoff Valve			
	500 MBH	073387402	073387402	1
	640- 1500 MBH	073387403	073387403	1
	2000 MBH	073387404	073387403	1
232	Pressure Regulator			
	500 MBH	036619914	036619915	1
	640, 650 MBH	036619923	036619925	1
	790, 800 MBH	036619922	036619924	1
	1000 MBH	073387201	036619923	1
	1100 MBH	073387202	036619923	1
	1400 MBH	073387301	073387303	1
	1500 MBH	073387301	073387302	1
	2000 MBH	073387306	073387301	1

Section G- Blow-Thru Heat Section

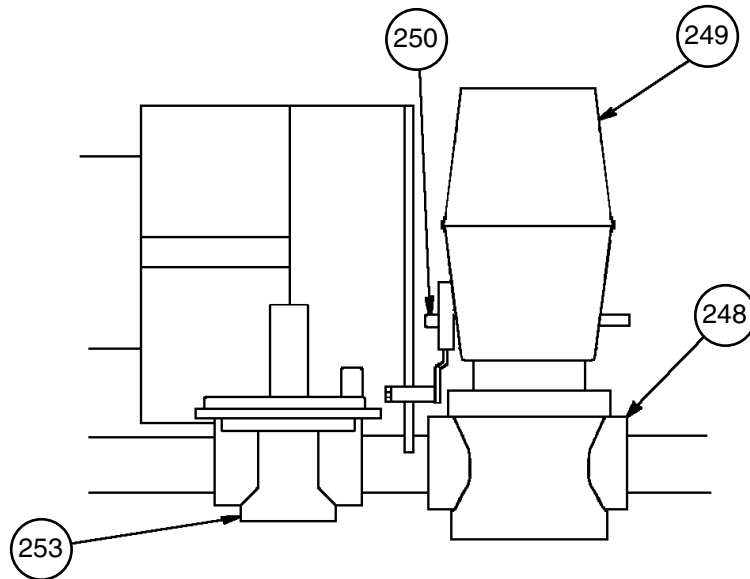
Option 4- Gas Heat: Code 04= A

Single Stage OR Modulating Burner:

Code 34= ****A*, ****E*, ****P*, ****Q*, ****R*, ****S*

Gas Train- Controls: GV2, VM1

Until 6/96



Ref. No.	Heat Exch. Size/MBH	Part Description	Part Number	Qty.
248	500	Gas Valve, Body- 1.00" IPS CSA Units	041768902	1
	500	Gas Valve, Diaphragm- 1.00" IPS UL Units	034271802	1
	640- 1000	Gas Valve, Body- 1.25" IPS CSA Units	041768903	1
	640- 1000	Gas Valve, Diaphragm- 1.25" IPS UL Units	034271803	1
	1100- 2000	Gas Valve, Body- 2.00" IPS CSA Units	041768905	1
	1100- 1500	Gas Valve, Diaphragm- 1.50" IPS UL Units	034271804	1
	2000	Gas Valve, Diaphragm- 2.00" IPS UL Units	034271805	1
249	500- 2000	Actuator CSA Units	034490100	1
250	All	Orifice	034487800	1
253	500	Regulator Valve Assembly CSA Units	042052800 ¹	1
	500	Regulator Valve UL Units	034078100	1
	640- 1000	Regulator Valve CSA Units	034077804	1
	640- 800	Regulator Valve UL Units	034077801	1
	1000	Regulator Valve UL Units	034077804	1
	1100- 1500	Regulator Valve	034077802	1
	2000	Regulator Valve	034077803	1

¹ Regulator Valve Assembly Assy.= 034078100 Valve & 041121802 Spring.

Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A

Single Stage OR Modulating Burner:

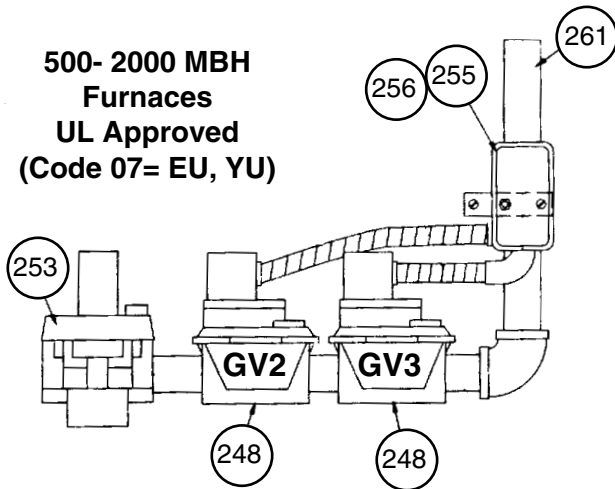
Code 34= ****A*, ****E*, ****P*, ****Q*, ****R*, ****S*

Gas Train- Controls: GV2, GV3

UL Units— Code 07= EU, YU

6/96 & Later

500- 2000 MBH
Furnaces
UL Approved
(Code 07= EU, YU)



Gas Controls: 500- 2000 MBH Furnace
UL Approved

Ref No.	Part Description	Part Number	Qty.
248	Gas Valve- GV2, GV3		
	500 MBH	073387801	2
	640- 1000 MBH	073387802	2
	1100- 1500 MBH	073387803	2
	2000 MBH	073387804	2
253	Pressure Regulator		
	500 MBH	034078100	1
	640- 1000 MBH	034077804	1
	1100- 1500 MBH	034077802	1
	2000 MBH	034077803	1
255	Junction Box	020766100	1
256	Junction Box Cover	000127300	1
261	Gas Pipe		
	Modulating Burner		
	500 MBH	055964002	1
	640 MBH	055964108	1
	650, 790 MBH	055964103	1
	800, 1000 MBH	055964102	1
	1100, 1400 MBH	031326400	1
	1500 MBH	056010902	1
	2000 MBH	056011208	1
	Single Stage Burner		
	500 MBH	055964003	1
	640 MBH	055964104	1
	650, 790 MBH	055964117	1
	800 MBH	055964107	1
	1000 MBH	055964108	1
	1100, 1400 MBH	056010902	1
	1500 MBH	056010903	1
	2000 MBH	056011002	1

Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A

Single Stage OR Modulating Burner:

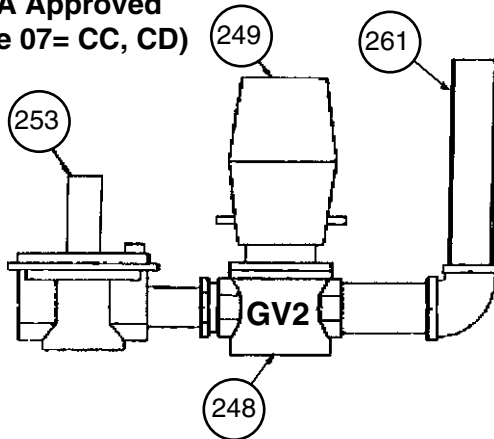
Code 34= ****A*, ****E*, ****P*, ****Q*, ****R*, ****S*

Gas Train- Controls: GV2, VM1

CSA Units— Code 07= CC, CD

6/96 & Later

500- 2000 MBH
Furnaces
CSA Approved
(Code 07= CC, CD)



Gas Controls: 500- 2000 MBH Furnace
CSA Approved

Ref No.	Part Description	Part Number	Qty.
248	Gas Valve Body- GV2		
	500 MBH	041768902	1
	640- 1000 MBH	041768903	1
	1100- 2000 MBH	041768905	1
249	Actuator- VM1	034490101	1
253	Pressure Regulator		
	500 MBH	034078100	1
	640- 1000 MBH	034077804	1
	1100- 1500 MBH	034077802	1
	2000 MBH	034077803	1
261	Gas Pipe		
	Modulating Burner		
	500 MBH	055964202	1
	640 MBH	055964308	1
	650, 790 MBH	055964302	1
	800, 1000 MBH	056011101	1
	1100, 1400 MBH	056011104	1
	1500 MBH	056011105	1
	2000 MBH	056011207	1
	Single Stage Burner		
	500 MBH	055964203	1
	640 MBH	055964303	1
	650, 790 MBH	055964307	1
	800, 1000 MBH	055964306	1
	1100, 1400 MBH	056011105	1
	1500 MBH	056011106	1
	2000 MBH	056011205	1

Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A

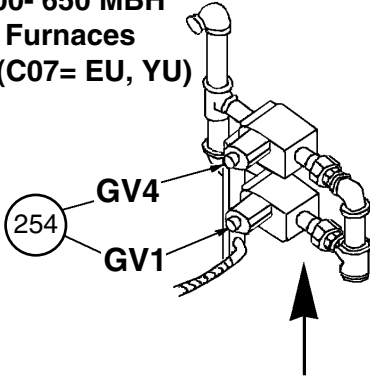
Hi Turn Down Burner:

Code 34= ****H*, ****T*, ****U*

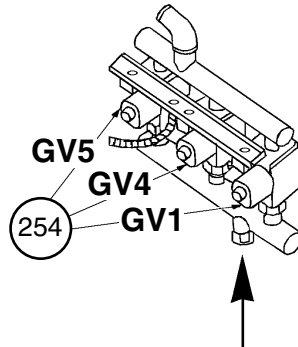
Gas Train- Controls: GV1, GV4, GV5, GV6, GV7, GV8

UL Units— Code 07= EU, YU

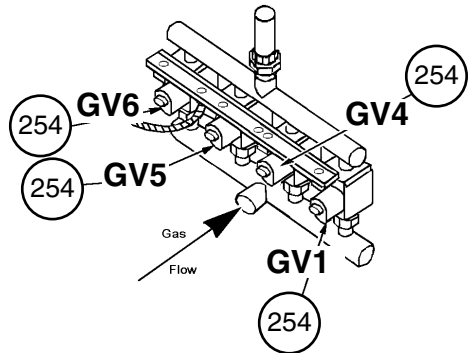
500- 650 MBH
Furnaces
UL (C07= EU, YU)



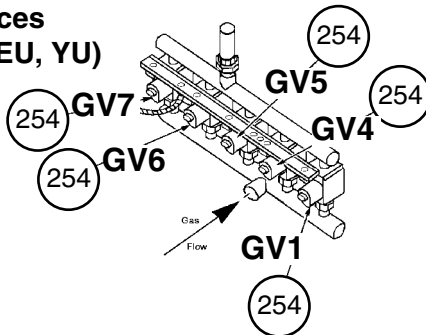
790- 1000 MBH
Furnaces
UL (C07= EU, YU)



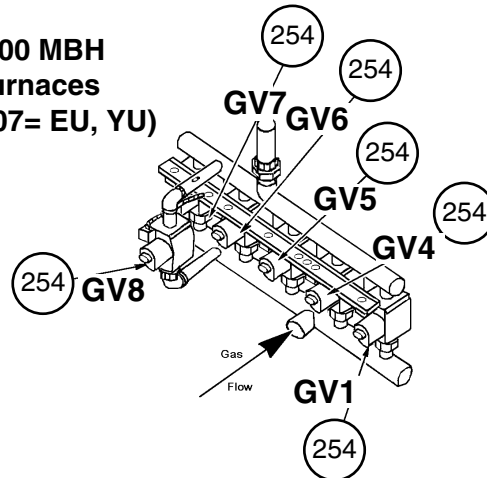
1100 MBH
Furnaces
UL (C07= EU, YU)



1400, 1500 MBH
Furnaces
UL (C07= EU, YU)



2000 MBH
Furnaces
UL (C07= EU, YU)



Ref No.	Part Description	Part Number	Qty.
254	Gas Valve- GV1, GV4		
	400- 650 MBH	073336504	2
	Gas Valve- GV1, GV4, GV5		
	790- 1000 MBH	073336504	3
	Gas Valve- GV1, GV4, GV5, GV6		
	1100 MBH	073336504	4
	Gas Valve- GV1, GV4, GV5, GV6, GV7		
	1400, 1500 MBH	073336504	5
	Gas Valve- GV1, GV4, GV5, GV6, GV7, GV8		
	2000 MBH	073336504	6

Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A

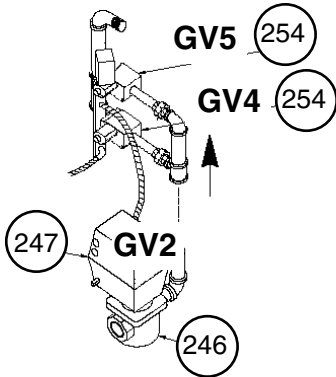
Hi Turn Down Burner:

Code 34= ****H*, ****T*, ****U*

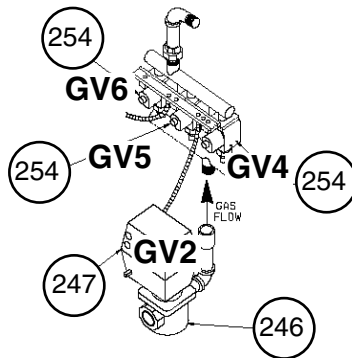
Gas Train- Controls: GV2, GV4, GV5, GV6, GV7, GV8, GV9, VM1

CSA Units— Code 07= CC, CD

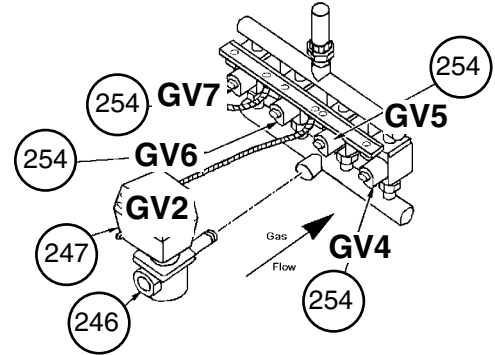
500- 650 MBH Furnaces
CSA (C07= CC, CD)



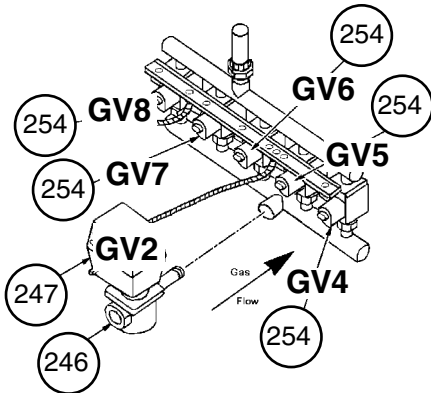
790- 1000 MBH Furnaces
CSA (C07= CC, CD)



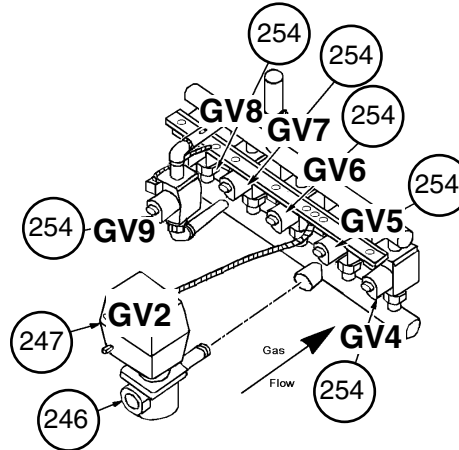
1100 MBH Furnaces
CSA (C07= CC, CD)



1400, 1500 MBH Furnaces
CSA (C07= CC, CD)



2000 MBH Furnaces
CSA (C07= CC, CD)



Ref No.	Part Description	Furnace Size	Part Number	Qty.
246	Gas Valve Body- GV2	400, 500 MBH	041768902	1
	Gas Valve Body- GV2	640- 1000 MBH	041768903	1
	Gas Valve Body- GV2	1100- 2000 MBH	041768905	1
247	Actuator- VM1			
	until 11/00		034490100	1
	11/00 & Later		111047401	1
254	Gas Valve- GV4, GV5	400- 650 MBH	073336504	2
	Gas Valve- GV4, GV5, GV6	790- 1000 MBH	073336504	3
	Gas Valve- GV4, GV5, GV6, GV7	1100 MBH	073336504	3
	Gas Valve- GV4, GV5, GV6, GV7 ,GV8	1400, 1500 MBH	073336504	3
	Gas Valve- GV4, GV5, GV6, GV7, GV8, GV9	2000 MBH	073336504	3

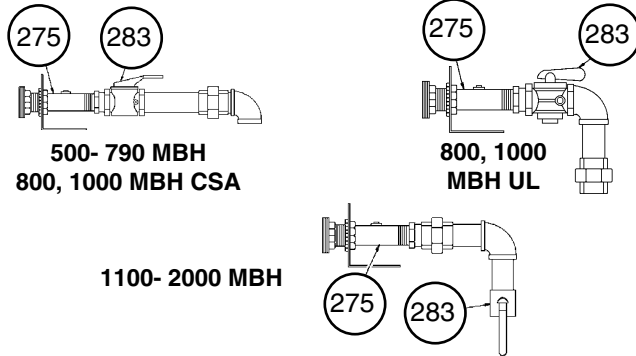
Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A

Gas Train- Outlet

Single Stage Burners

Code 34= ****A*, ****P*, ****Q*

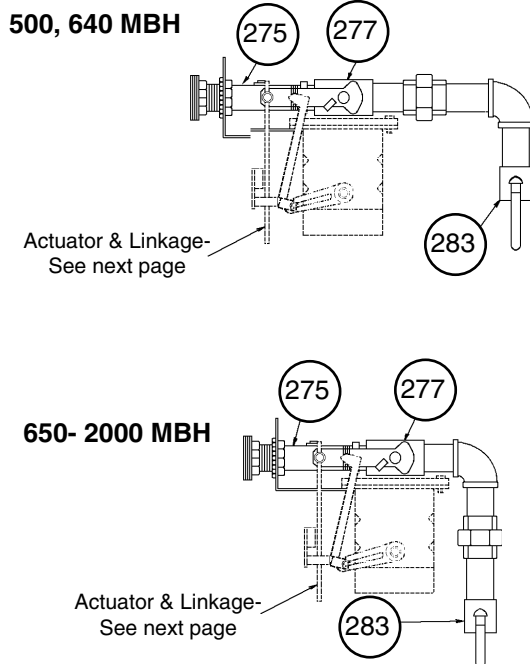


Ref No.	Part Description	Part Number	Qty.
275	Pipe w/ Valve Mount		
	500 MBH	035019800	1
	640- 1000 MBH	036235500	1
	1100, 1400 MBH	035019900	1
	1500, 2000 MBH	036235600	1
283	Shutoff Valve ¹		
	500 MBH	059468802	1
	640- 800 MBH	059468803	1
	1000 MBH UL	058968804	1
	1000 MBH CSA	059468803	1
	1100- 1500 MBH	059468804	1
	2000 MBH	059468805	1

¹ See note below.

Modulating Burners

Code 34= ****E*, ****R*, ****S*

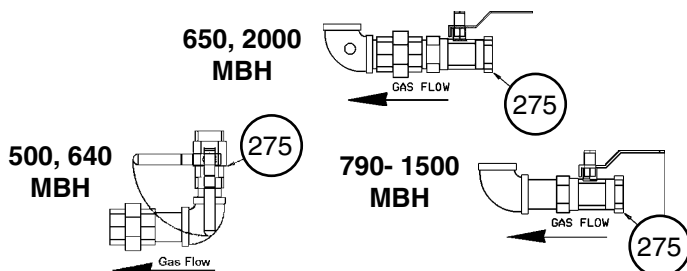


Ref No.	Part Description	Part Number	Qty.
275	Pipe w/ Valve Mount		
	500 MBH	035019800	1
	640- 1000 MBH	036235500	1
	1100, 1400 MBH	035019900	1
	1500, 2000 MBH	036235600	1
277	Butterfly Valve		
	500 MBH	034488303	1
	640- 1400 MBH	034488304	1
	1500, 2000 MBH	034488305	1
283	Shutoff Valve ¹		
	500 MBH	059468802	1
	640- 800 MBH	059468803	1
	1000 MBH UL	058968804	1
	1000 MBH CSA	059468803	1
	1100- 1500 MBH	059468804	1
	2000 MBH	059468805	1

¹ Units built prior to 1998 may use a different shut off valve— UL Units: 500 MBH p/n 034077102; 640/650/790/800/1000 MBH p/n 034077103; 1100/1400/1500 MBH p/n 034490205; 2000 MBH p/n 034490206— CSA Units: 500 MBH p/n 046747803; 640/650/790 MBH p/n 046747804; 800/1000/1100/1400/1500 MBH p/n 046747805; 2000 MBH p/n 046747806. Applies to both Single Stage and Modulating Burners.

Hi Turn Down Burners

Code 34= ****H*, ****T*, ****U*



Ref No.	Part Description	Part Number	Qty.
275	Gas Valve		
	500 MBH	059468802	1
	640- 1000 MBH	059468803	1
	1100- 1500 MBH	059468804	1
	2000 MBH	059468805	1

Section G- Blow-Thru Heat Section

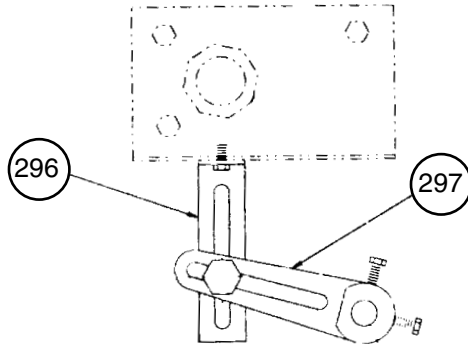
Option 4- Gas Heat: Code 04= A

Gas Train- Damper Linkage

Single Stage Burners

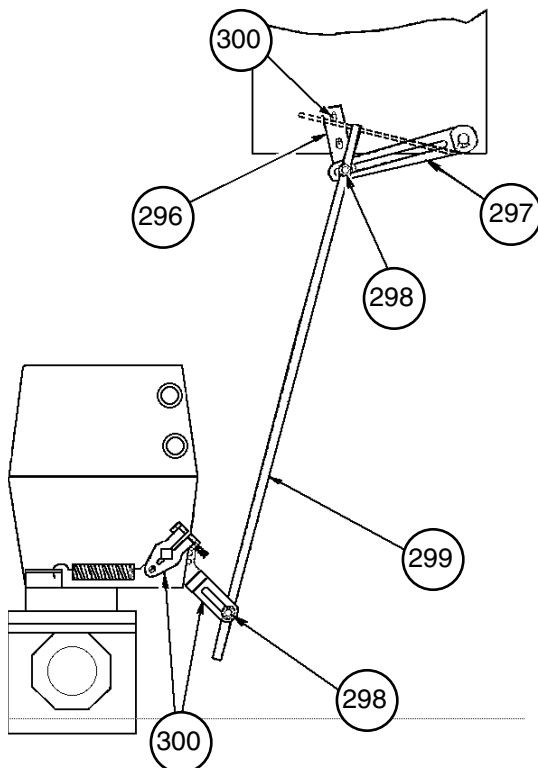
Code 34= ****A*, ****P*, ****Q*

UL Units (Code 07= EU, YU)



Ref No.	Part Description	Part Number	Qty.
296	Crank Arm Bracket	036519800	1
297	Crank Arm	034250600	1

CSA Units (Code 07= CC, CD)



Ref No.	Part Description	Part Number	Qty.
296	Damper Stop	037265500	1
297	Crank Arm	034250600	1
298	Linkage- Ball Joint	034250500	2
299	Damper Rod		
	500 MBH	056040201	1
	640- 1400 MBH	056040202	1
	1500, 2000 MBH	056040203	1
300	Crank Arm	023680400	2

Section G- Blow-Thru Heat Section

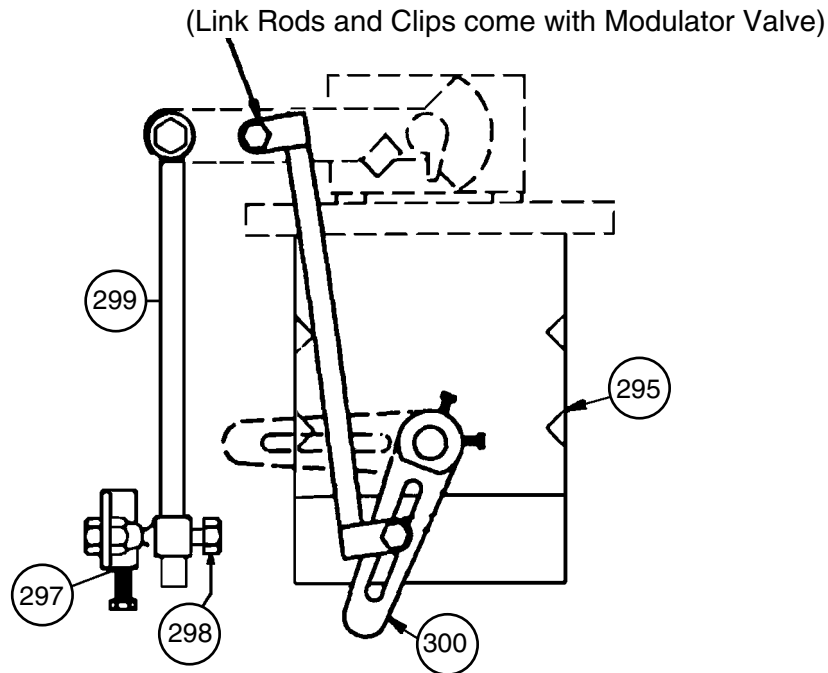
Option 4- Gas Heat: Code 04= A

Gas Train- Damper Linkage

Modulating Burners w/ VM1 Actuator

Code 34= ****E*, ****R*, ****S*

Until 4/96



Ref. No.	Heat Exch. Size/MBH	Part Description	Part Number	Qty.
295	All	Act. w/Aux. Switch- 120V 16W CSA Units	047936109	1
	All	Actuator- 120V 16W UL Units	047936110	1
297	500-1000, 2000	Crank Arm Assy	034715100	1
	1100- 1500	Crank Arm Assy	034250600	1
298	All	Ball Joint	034250500	2
299	200- 320, 500	Control Rod	034844500	1
	400, 640-1000	Control Rod	036519100	1
	500	Control Rod	034844500	1
	640- 2000	Control Rod	036519100	1
300	All	Crank Arm	023463200	1

Section G- Blow-Thru Heat Section

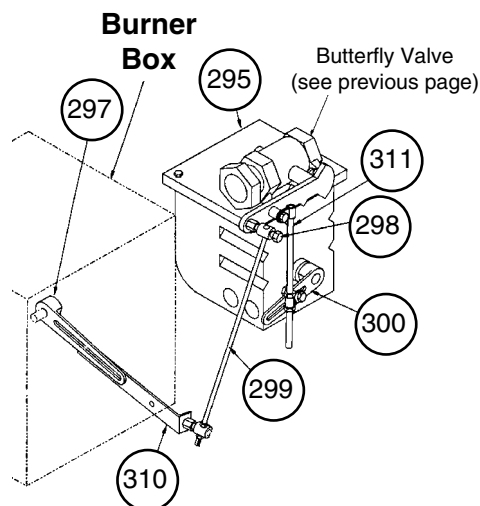
Option 4- Gas Heat: Code 04= A

Gas Train- Damper Linkage

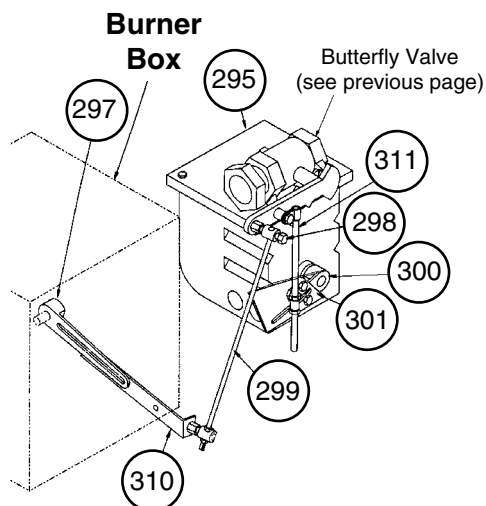
Modulating Burners w/ VM1 Actuator

Code 34= ****E*, ****R*, ****S*

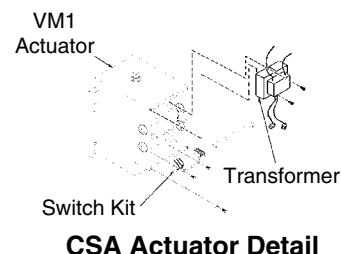
4/96 & Later



UL Units



CSA Units



Ref No.	Part Description	Furnace MBH				Qty.
		500- 650	790- 1000	1100, 1400	1500, 2000	
295	Actuator Motor VM1					
	Units w/ MicroTech Controls					
	UL Units Until 3/01	047936110	047936110	047936110	047936110	1
	UL Units 3/01 & Later	111047701	111047701	111047701	111047701	1
	CSA Units Until 3/01	059403184 ³	059403184 ³	059403184 ³	059403184 ³	1
	CSA Units 3/01 & Later	091688001 ²	091688001 ²	091688001 ²	091688001 ²	1
	Units w/ No Temp. Ctl. (Code 12= YC)					
	UL Units Until 10/06	066534804	066534804	066534804	066534804	1
	UL Units 10/06 & Later	063483422 ¹	063483422 ¹	063483422 ¹	063483422 ¹	1
	CSA Units	063483422 ¹	063483422 ¹	063483422 ¹	063483422 ¹	1
297	Crank Arm	034250600	034250600	034250600	034250600	1
298	Ball Joint	034250500	034250500	034250500	034250500	2
299	Linkage Arm	058598401	058598401	059371601	059368701	1
300	Crank Arm	023463200	023463200	023463200	023463200	1
301	Extension- Arm CSA Units Only	098735201	098735201	098735201	098735201	1
310	Air Damper Lever Arm	059365001	058598101	058598101	Not Used	1
311	Gas Valve Arm	058598601	058598601	058598601	058598601	1

¹ Assembly part number. Motor only is p/n 113105101 (066534803 was used until 8/06), and Interface Kit only is p/n 067112501.

² Assembly part number. Motor only is p/n 111047701, and Switch Kit only is p/n 060009101.

³ Assembly part number. Motor only is p/n 060009601, Transformer is p/n 067112601, and Switch Kit is p/n 060009101.

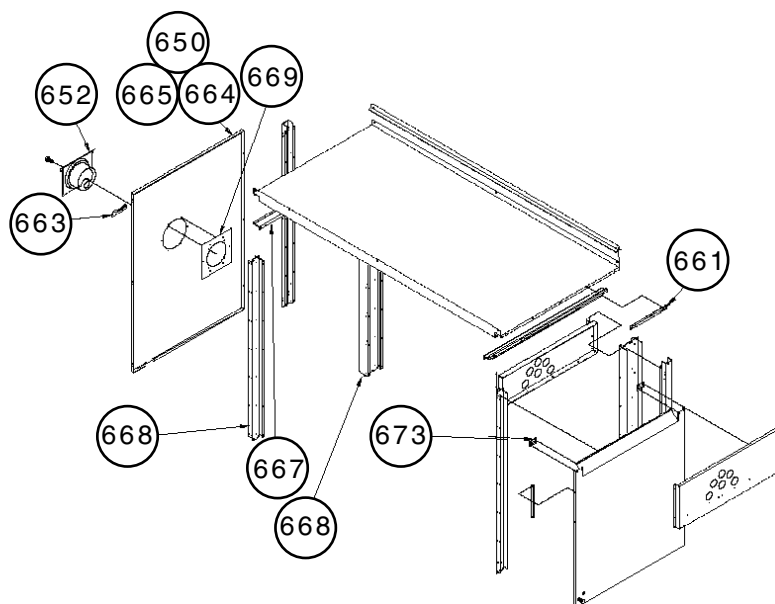
Section G- Blow-Thru Heat Section

Option 4- Gas Heat w/ 320MBH thru 1000 MBH Furnace

C04= A & C34= 050***,064***,065***,079***,080***, 100***, 110***, 140***

Cabinet Doors, Gasketing, Hardware, & Flue Box Mounting

Until 8/03 ¹



Ref No.	Part Description	Part Number	Qty.
650	Door Assembly		
	500, 640 MBH	055632637	1
	650, 790 MBH	055632638	1
	800, 1000 MBH	055632639	1
	1100, 1400 MBH	096181431	1
652	Inspection Door	034095801	1
661	Mount- Flue Box		
	500, 640 MBH	055972801	1
	650, 790 MBH	055977901	1
	800, 1000 MBH	055980501	1
	1100, 1400 MBH	055970401	1
663	Baffle	096427701	1
664	Sleeve Bearing	047138507	3
665	Door Catch	055502602	3
667	Gasket	055921409	2
668	Gasket	055921410	2
669	Gasket	031949200	1
673	Hinge	034005900	2

¹ The cabinet components shown changed when the new design Heat Exchanger was installed in August, 2003. However, if an original design Heat Exchanger has been replaced with a current design Heat Exchanger the original Flue Box mounting hardware was also replaced.

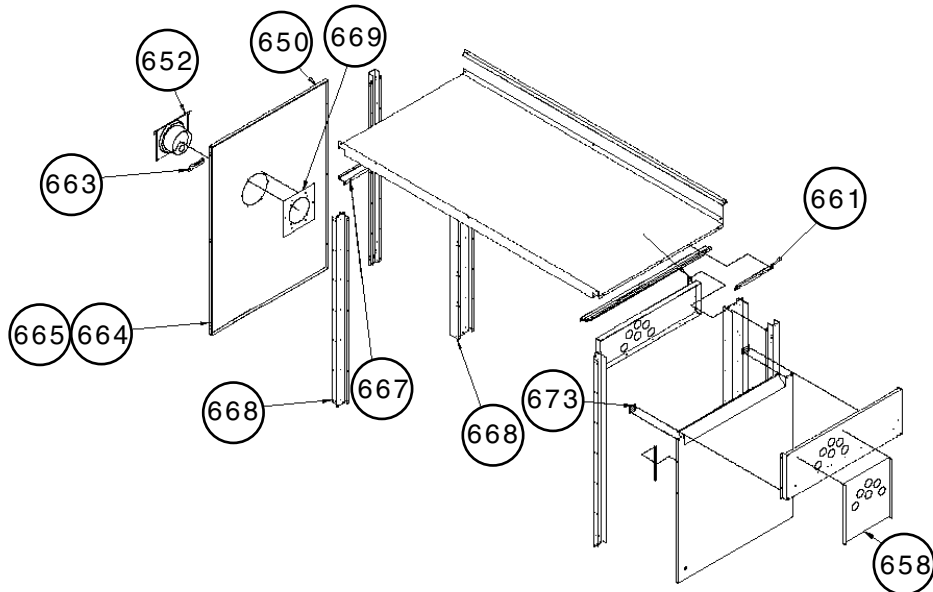
Section G- Blow-Thru Heat Section

Option 4- Gas Heat w/ 320MBH thru 1000 MBH Furnace

Code 04= A & Code 34= 050***,064***,065***,079***,080***, 100***, 110***, 140***

Cabinet Doors, Gasketing, Hardware, & Flue Box Mounting

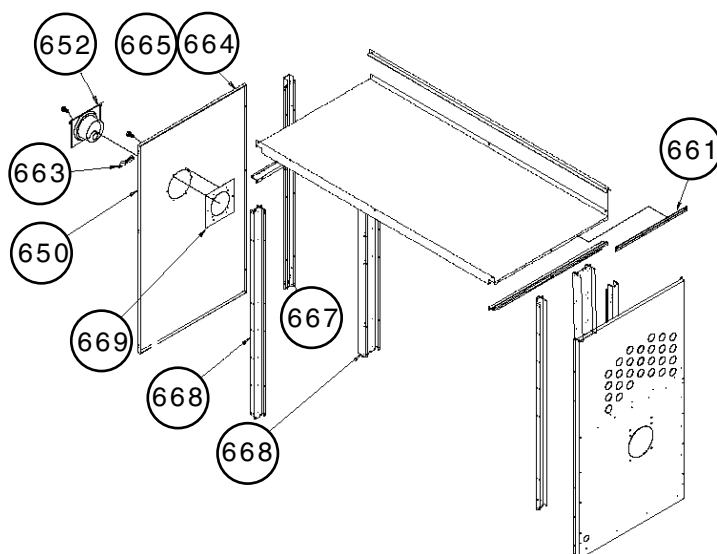
8/03 & Later ¹



Ref No.	Part Description	Part Number	Qty.
650	Door Assembly		
	500, 640 MBH	096181451	1
	650, 790 MBH	096181442	1
	800, 1000 MBH	096181453	1
	1100, 1400 MBH	096181444	1
652	Inspection Door	034095801	1
658	Back- Flue Box		
	500, 640 MBH	403399801	1
	650, 790 MBH	403400201	1
	800, 1000 MBH	403400401	1
	1100, 1400 MBH	403400701	1
661	Angle- Flue Box		
	500, 640 MBH	403399901	1
	650, 790 MBH	403400101	1
	800, 1000 MBH	403400501	1
	1100, 1400 MBH	403400801	1
663	Drip Shield	033487300	1
664	Sleeve Bearing	047138507	3
665	Door Catch	055502602	3
667	Gasket	055921409	2
668	Gasket	055921410	2
669	Gasket	031949200	1
673	Hinge	034005900	2

¹ The cabinet components shown changed when the new design Heat Exchanger was installed in August, 2003. However, if an original design Heat Exchanger has been replaced with a current design Heat Exchanger the original Flue Box mounting hardware was also replaced.

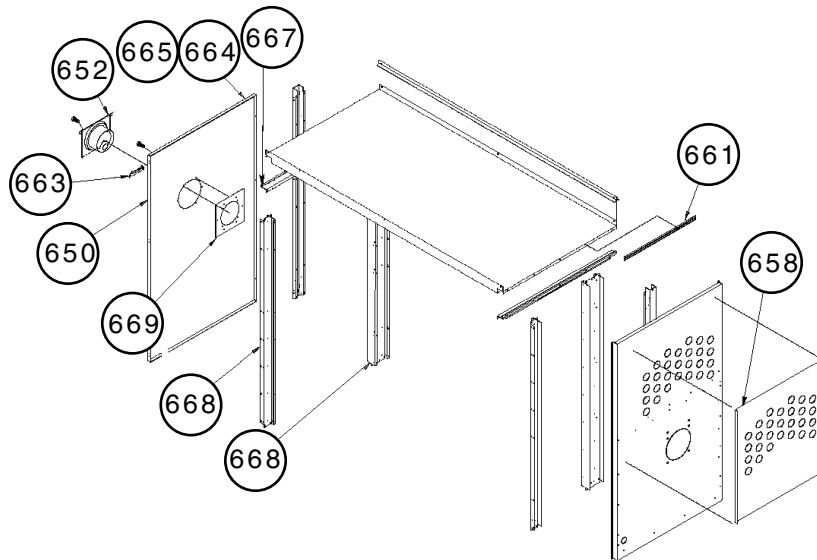
Section G- Blow-Thru Heat Section
Option 4- Gas Heat w/ 1500 MBH, 2000 MBH Furnace
Code 04= A AND Code 34= 150*, 200*****
Cabinet Doors, Gasketing, Hardware, & Flue Box Mounting
Until 8/03 ¹



Ref No.	Part Description	Part Number	Qty.
650	Door Assembly	055632640	1
652	Inspection Door	034095801	1
661	Angle- Flue Box	055945001	1
663	Baffle	096427701	1
664	Sleeve Bearing	047138507	3
665	Door Catch	055502602	3
667	Gasket	055921409	2
668	Gasket	055921410	2
669	Gasket	031949200	1

¹ The cabinet components shown changed when the new design Heat Exchanger was installed in August, 2003. However, if an original design Heat Exchanger has been replaced with a current design Heat Exchanger the original Flue Box mounting hardware was also replaced.

Section G- Blow-Thru Heat Section
Option 4- Gas Heat w/ 1500 MBH, 2000 MBH Furnace
Code 04= A AND Code 34= 150*, 200*****
Cabinet Doors, Gasketing, Hardware, & Flue Box Mounting
8/03 & Later ¹

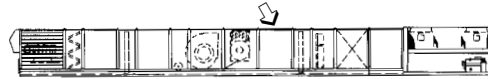


Ref No.	Part Description	Part Number	Qty.
650	Door Assembly	096181445	1
652	Inspection Door	034095801	1
658	Back- Flue Box	403401001	1
661	Angle- Flue Box	055945001	1
663	Drip Shield	033487300	1
664	Sleeve Bearing	047138507	3
665	Door Catch	055502602	3
667	Gasket	055921409	2
668	Gasket	055921410	2
669	Gasket	031949200	1

¹ The cabinet components shown changed when the new design Heat Exchanger was installed in August, 2003. However, if an original design Heat Exchanger has been replaced with a current design Heat Exchanger the original Flue Box mounting hardware was also replaced.

Section H- Blow-Thru Heat/Blank Access Section

Notes



Primary Codes that pertain: 38

Additional Codes that pertain: 06, 34

Code 38 determines all of the section characteristics. If Code 38= B there is a 48" Blow-Thru Heat/Blank Access Section. If Code 38= Y, there is no section.

Code 34 determines the Blow-Thru Heat Section (Section G). There has to be a Section G in order for there to be a Section H, therefore Code 34 cannot= YYYYYY.

Code 06 determines the liners and insulation, and will affect the final assembly panels. **For sheet metal components that make up the Blow-Thru Heat Blank Access Section, contact Daikin Applied to ensure that correct liners, insulation and hardware are ordered.**

Door Hardware and Gasketing

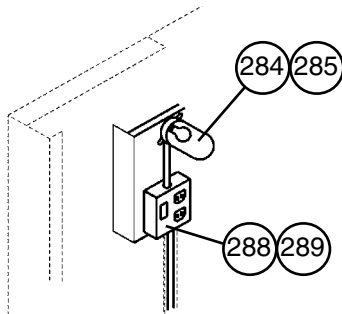
Ref No.	Part Description	Part Number	Qty.
N/S	Sleeve Bearing	047138507	8
N/S	Door Catch	055502602	8
N/S	Gasket- Horizontal	055921408 ¹	4
N/S	Gasket- Vertical	055921411	4

N/S= Not Shown on diagram.

¹ If the unit is split at the fan and heat sections (Code 05= F) use p/n 055921409.

Section Mounted Controls

LT19, REC19, S19- Section Mounted Light

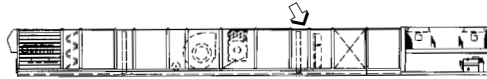


LT19- B-T Heat Section Light/S19- B-T Heat Section Light Switch/REC19- B-T Heat Section Receptacle

Ref No.	Part Description	Part Number	Qty.
284	Light Fixture	042229500	1
285	Bulb- LT19	065492402	1
288	Light Switch- S19	065492201	1
289	Receptacle- REC19	030187000	1

Section I- Blow-Thru Cooling Section

Notes



Primary Codes that pertain: 03, 35, 36

Additional Codes that pertain: 06

Code 03 determines the cooling coil size. If Code 03= S there is a small face area coil, and if Code 03= L there is a large face area coil.

Code 35 determines if there is a Section I. If Code 35= YYYY, there is no section. If the first digit of the code is C then there is a Cooling Coil, and if it is D there is a Drain Pan with no coil. The second and third digit of Code 35 is always YY. If the fourth digit is Y the Drain Pan is made of galvanized steel, if the fourth digit is S the Drain Pan is made from stainless steel.

Code 36 determines Cooling Coil characteristics.

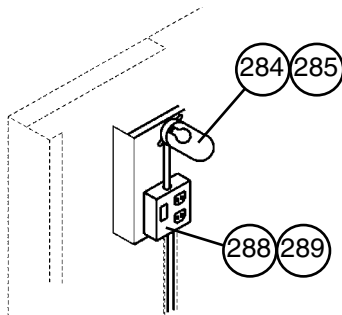
Code 06 determines the liners and insulation, and will affect the final assembly panels. **For sheet metal components that make up the Blow-Thru Cooling Section, contact Daikin Applied to ensure that correct liners, insulation and hardware are ordered.**

Section I applies to the RPS or RFS, but not to the RCS or RDT units.

NOTE: See Section D for all parts used in Section I. Although the section location is different within the unit configuration, the components are identical.

Section Mounted Controls

LT16, S16, REC16



LT16- B-T Cooling Section Light/S16- B-T Cooling Section Light Switch/REC16- B-T Cooling Section Receptacle

Ref No.	Part Description	Part Number	Qty.
284	Light Fixture	042229500	1
285	Bulb- LT16	065492402	1
288	Light Switch- S16	065492201	1
289	Receptacle- REC16	030187000	1

Section J- Final Filter Section

Notes



Primary Codes that pertain: 39

Additional Codes that pertain: 04, 34

Code 39 determines all of the section characteristics. If Code 39= A, B, E, F there are filters, if it equals C, D then it is a Blank/empty Section. If Code 39= Y, there is no section.

Codes 04 and 34 determine what type of heat the unit uses. The type of heat influences the filter media and associated parts.

Door Hardware and Gasketing

Ref No.	Part Description	Part Number	Qty.
N/S	Sleeve Bearing	047138507	8
N/S	Door Catch	055502602	7
N/S	Gasket- Horizontal	055921408 ¹	4
N/S	Gasket- Vertical	055921410	4

N/S= Not Shown on diagram.

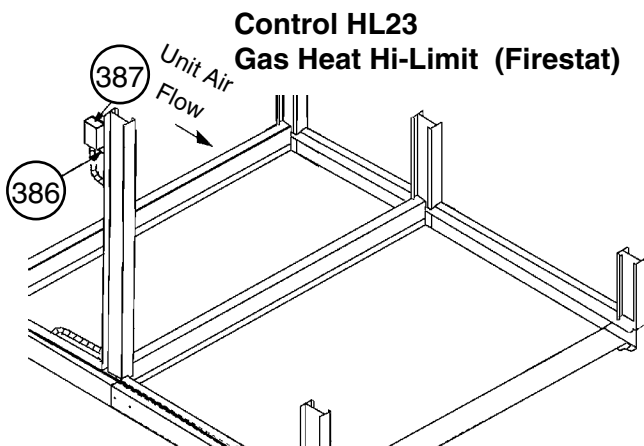
¹ If the unit is split at the fan and heat sections (Code 05= F), use p/n 055921409.

Section Mounted Controls

HL23 Gas Hi Limit Control: Code 04= A AND Code 39= A, B, C, D, E, F

PC6/SPS6 Clogged Filter Controls: Code 39= A, B, E, F

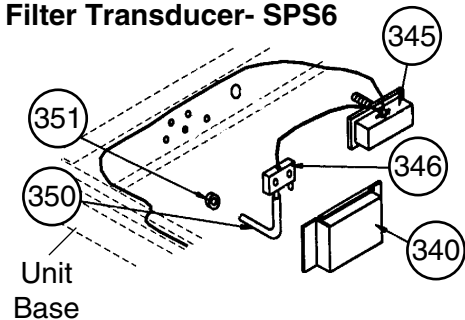
Gas Hi Limit Control



Ref No.	Part Description	Part Number	Qty.
386	Stat Support	058379401	1
387	HL23 Firestat	047938804	1

Clogged Filter Control

Clogged Filter Pressure Switch- PC6
Clogged Filter Transducer- SPS6

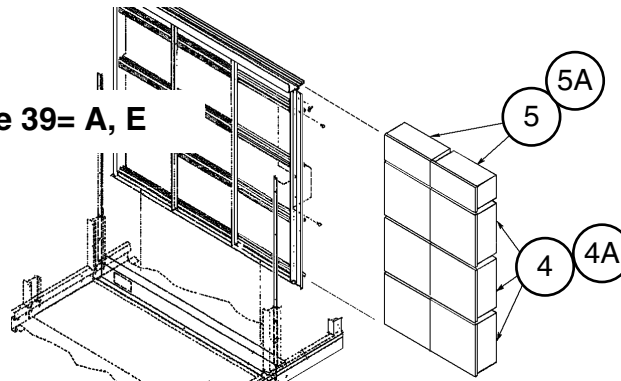


Ref. No.	Part Description	Part Number	Qty.
340	Cover ¹	055732501	1
345	PC6 Pressure Ctl	065493801	1
346	SPS6 Transducer ¹	049545005	1
350	Plastic Tube ¹	049095104	1
351	Grommet ¹	004910100	1

¹ MicroTech Controls (Code 12= 1M, 2M, 4M, 5M) only.

Section J- Final Filter Section Filters

Flat Filter Rack- Code 39= A, E



Ref. No.	Part Description	Code 04=	Code 25 ¹ =	Part Number	Qty.
4	Filter- 95% Eff- Cartridge ² High Heat ⁴	A, E	A	073381102	12
	Filter- 95% Eff- Cartridge ² Standard ⁴	S, W	A	065810702	12
4A	Gasket- Filter High Heat ⁴	A, E	A	073337024	12
	Gasket- Filter Standard ⁴	S, W	A	021768924	12
5	Filter- 95% Eff- Cartridge ³ High Heat ⁴	A, E	A	073381101	4
	Filter- 95% Eff- Cartridge ³ Standard ⁴	S, W	A	065810701	4
5A	Gasket- Filter High Heat ⁴	A, E	A	073337012	4
	Gasket- Filter Standard ⁴	S, W	A	021768912	4

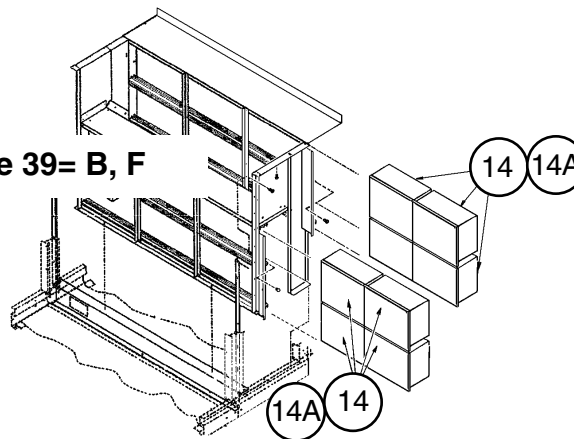
¹ If Code 25= E (Intersept) Contact Daikin Applied.

² Filter size= 24 x 24 x 12.

³ Filter size= 12 x 24 x 12.

⁴ High Heat Filters are used on units with Gas OR Electric heat. Standard filters are used with Steam, HW heat.

Staggered Filter Rack- Code 39= B, F



Ref. No.	Part Description	Code 04=	Code 25 ⁵ =	Part Number	Qty.
14	Filter- 95% Eff- Cartridge ⁶ High Heat ⁷	A, E	B	073381102	16
	Filter- 95% Eff- Cartridge ⁶ Standard ⁷	S, W	B	065810702	16
14A	Gasket- Filter High Heat ⁷	A, E	B	073337024	16
	Gasket- Filter Standard ⁷	S, W	B	021768924	16

⁵ If Code 25= F (Intersept) Contact Daikin Applied.

⁶ Filter size= 24 x 24 x 12.

⁷ High Heat filters are used on units with Gas OR Electric heat. Standard filters are used with Steam, HW heat.

Section K- Discharge Plenum Section- RPS, RFS

Notes



Primary Codes that pertain: 40

Additional Codes that pertain: 06, 11, 16, 34, 35, 36, 38, 39, 41.

Code 40 determines the discharge direction. RPS units may have bottom discharge (Code BE, BY) or side discharge (Code SY). RFS units may have bottom, side, or front discharge (code FY). **This section does not pertain to the RDT or the RCS.**

Code 06, insulation and liners, influences the front panels part numbers. Code 11, Disconnect Switch option, influences Access Door part numbers. **For sheet metal components that make up the Discharge Plenum Section, contact Daikin Applied to ensure that correct liners, insulation and hardware are ordered.**

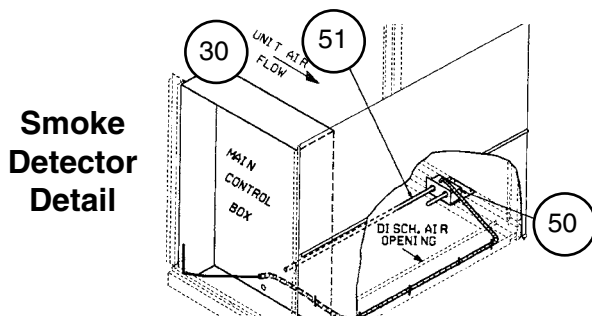
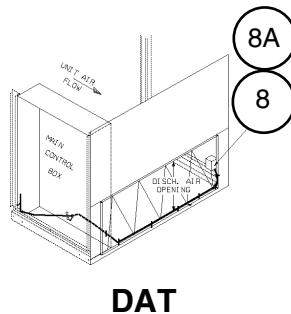
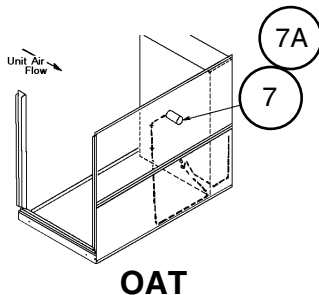
Code 16 determines Smoke Detectors. If Code 16= 2, 3 there is a Supply Air Smoke Detector (SD1). For RPS and RFS units with heat the SD1 is in Section K. For RDT units, or RPS/RFS draw thru cooling only units— units with no separate discharge plenum section— the SD1 is in the Supply Air Section (Section F).

Codes 34- 39, the Blow-Thru/Final Filter section codes, and Code 41, the special Blank Section code, pertain to some of the final assembly part numbers. If there is no Blow-Thru/final section then the Discharge Plenum is attached directly to the Supply Air Section and some of the final assembly part numbers are different than they are if the Blow-Thru section is present. If Code 41=Y (no Blank Access Section), then the Discharge Plenum End Panels are painted. If the Blank Access Section is present then the End Panels are unpainted.

Note: The RPS and RFS Main Control Box is located in this section. However, the Main Control Box components are listed in their own section (Section N).

Section Mounted Controls

DAT, OAT, SD1



Outside Air Temperature Sensor- OAT

Ref No.	Part Description	Part Number	Qty.
7	OA Temp. Sensor- OAT		
	MicroTech Controls	059974605	1
	MicroTech II Controls	060004705	1
	MicroTech III Controls	193414602	1
7A	Bracket	111075901	1

Discharge Air Temperature Sensor- DAT

Ref No.	Part Description	Part Number	Qty.
8	DA Temp. Sensor- DAT		
	MicroTech Controls	059974605	1
	MicroTech II Controls	060004705	1
	MicroTech III Controls	193414602	1
8A	Bracket	055732401	1

Smoke Detector- SD1

Ref No.	Part Description	Part Number	Qty.
30	Smoke Detector SD1	098873101 ¹	1

¹ The original Smoke Detector for units built 2003 & Earlier is no longer available. When replacing any version of SD1, reuse existing Sampling Tubes or order 1pc. 098873101 for Standard Discharge or 2pc. of 098873501 for Side or Top Discharge. Minor field modifications may be required for proper installation.

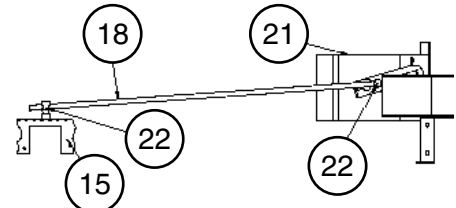
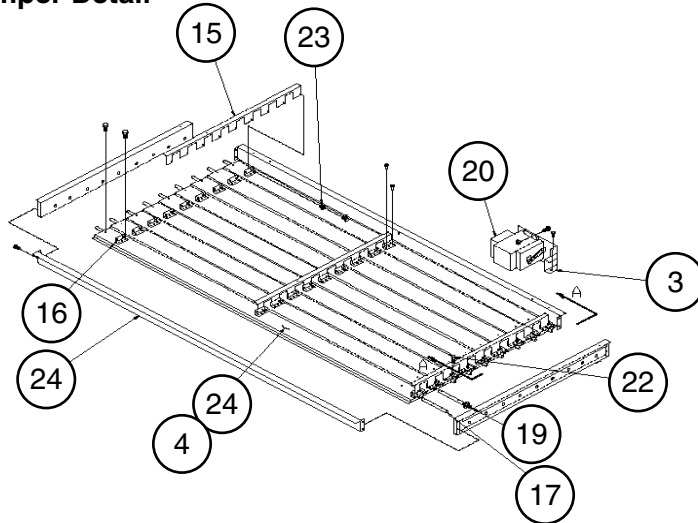
Section K- Discharge Plenum Section

Damper Assembly- w/ Actuator ACT5

Code 40= BE

8/3/92 thru 12/01/08 ³

Damper Detail



View A-A ACT5 Actuator Linkage Detail

Ref. No.	Part Description	Part Number	Opening Size	
			38" ¹ C03= S	46" ² C03= L
	Complete Assy w/Actuator (Code 40= BE)	055921127	1	
	Complete Assy w/Actuator (Code 40= BE)	055921125		1
	Complete Assy w/o Actuator (Code 40= BD)	055921117	1	
	Complete Assy w/o Actuator (Code 40= BD)	055921115		1
3	Motor Mount (Code 40= BE)	055921201	1	1
4	Blade	055921301	9	12
15	Angle- Linkage	055917702	3	Not Used
	Angle- Linkage	055914202	Not Used	3
16	Blade- Angle	055638102	27	33
17	Shaft- Damper	055637801	18	22
18	Linkage- Shaft	055536601	1	1
19	Bearing, Flange	001113500	18	22
20	Actuator- ACT5 (Code 40= BE)	059999804	1	1
21	Crank Arm (Code 40= BE)	032279200	1	1
22	Ball Joint	000887000	2	2
23	Bearing- Sleeve	047138507	27	33
24	Gasket	030051985	8	Not Used
	Gasket	030051979	Not Used	12

¹ Small Face Cooling Coil.

² Large Face Cooling Coil.

³ For units built 8/2/92 & Earlier OR 12/02/08 & Later contact Daikin Applied with model and serial number information so that the correct part(s) OR Complete Damper Assembly can be identified.

NOTE: This Isolation Damper and ACT5 Actuator may also be located in Section F (Supply Air). The discharge air opening is in the Supply Air section on RDT units, and RPS or RFS Draw-Thru units with no Blow-Thru heat (applications where Section F is attached directly to the condensing unit, or is the end of the unit).

Section L- Out-of-Airstream Blank Access Section

Notes



Codes that pertain: 41

Additional Codes that pertain: 06

If Code 41= Y, there is no Blank Access Section. If Code 41= 1, there is a 48/24" Blank Access Section with Access Doors and Light (LT20). If Code 41= 2, there is a Blank Access Section, 48" with Access Doors and Light.

Code 06 determines the liners and insulation, and will affect the final assembly panels. **For sheet metal components that make up the Blank Access Section, contact Daikin Applied to ensure that correct liners, insulation and hardware are ordered.**

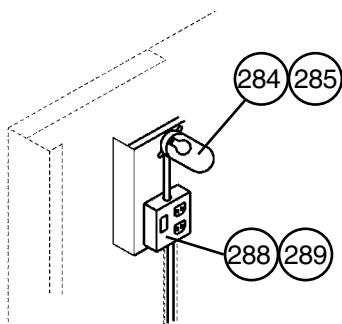
Doors, Gasketing and Hardware

Ref No.	Part Description	Section Size			
		48/24" (C41= 1)	Qty.	48" (C41= 2)	Qty.
N/S	Door Assembly	096179205	2	096179205	2
				096179202	2
N/S	Gasket- Horizontal	055921409	4	055921409	4
				055921408	4
N/S	Gasket- Vertical	055921411	4	055921411	8
N/S	Door Sleeve Bearing	047138507	8	047138507	16
N/S	Door Catch	055502602	8	055502602	16

N/S= Not Shown on diagram.

Section Mounted Controls

LT20, REC20, S20- Section Mounted Light



LT20- Out-of-Airstream Blank Access Section Light/S20- Out-of-Airstream Blank Access Section Switch/REC20- Out-of-Airstream Blank Access Section Receptacle

Ref No.	Part Description	Part Number	Qty.
284	Light Fixture	042229500	1
285	Bulb- LT20	065492402	1
288	Light Switch- S20	065492201	1
289	Receptacle- REC20	030187000	1

Section M- Condenser Section Notes



Primary Codes that pertain: 42, 43, 44, 45, 47

Additional Codes that pertain: 09, 10

This section houses the Compressors, Condenser Coils, Condenser Control Box, and Fan Deck.

Codes 09, 10, 42 affect Compressor selection.

Codes 09 & 10 also affect the Compressor Contactors located in the Condenser Control Box.

Code 43 determines the fin material used in the Condenser Coils.

Code 44 determines the Compressor type— discus or scroll— and refrigerant.

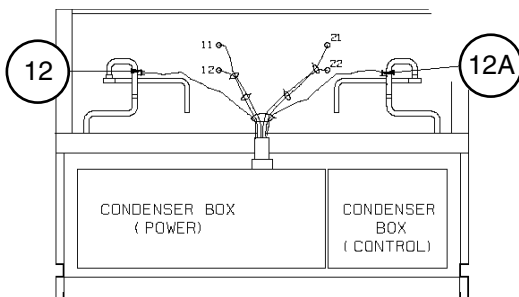
Code 45 determines the way the Compressor is mounted.

Code 47 determines the low ambient operation and Condenser Fan Motor selection. If Code 47= 1, the unit has standard FanTrol Condenser Fan control. If Code 47= 2 the unit has SpeedTrol controls that allow for low ambient (lower temperature) operation. If Code 47= 3, 4 the unit uses Quiet Fans.

Note: Condenser Coil Section, and Compressor Section components are different for the RPS/RDT and the RCS units. All other aspects of the section (Fan Deck, Compressors, etc.) are identical.

The condenser section is used on the RPS unit, but not the RFS. The condenser section is the RCS unit.

Section Mounted Controls PC22, PC12



View from Condenser Control Box End

Fantrol Pressure Control ¹

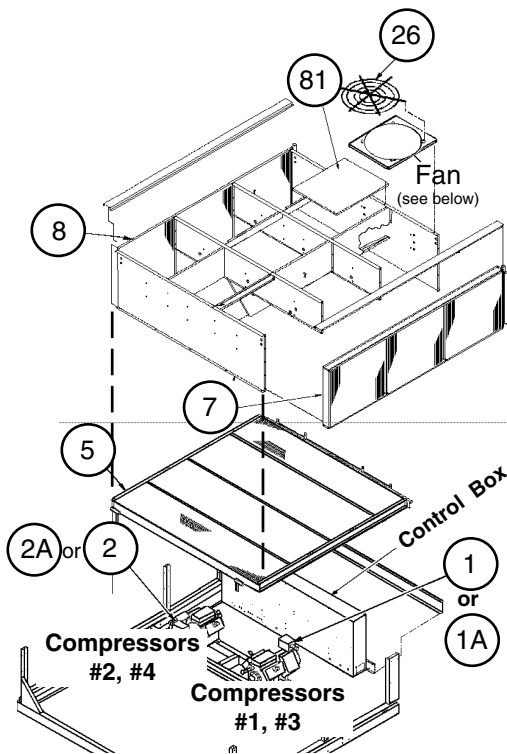
Ref No.	Part Description	Part Number	Qty.
12	Pressure Control PC12	047356118	1
12A	Pressure Control PC22	047356118	1

¹ Generally used only with Discus Compressors (Code 44= H, K) and original MicroTech Controls (Code 08= P, S [RPS/RDT] or Y [RCS]).

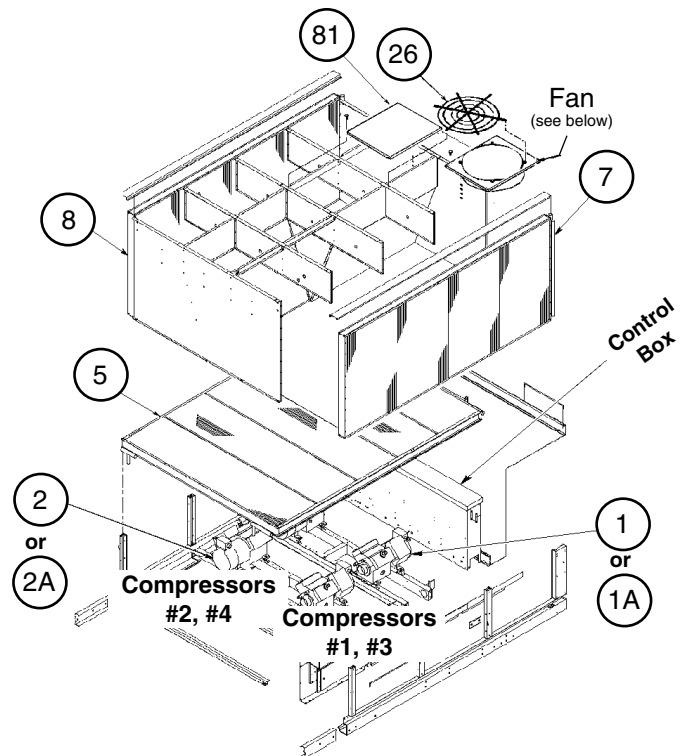
Section M- Condenser Section

Units with Original Fan Assembly (3 blade Prop)

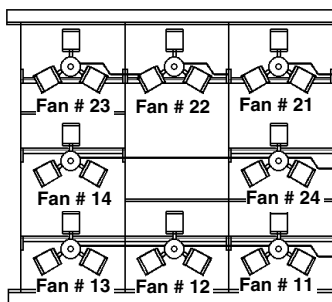
Diagrams



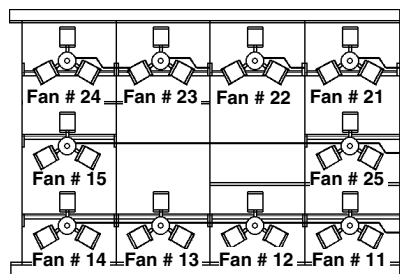
**080C, 090C, 105C
Condenser Section**



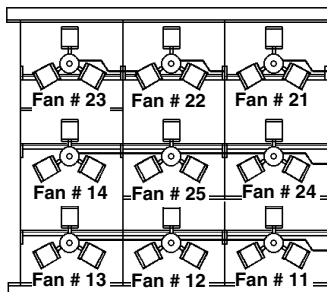
**115C, 125C, 135C
Condenser Section**



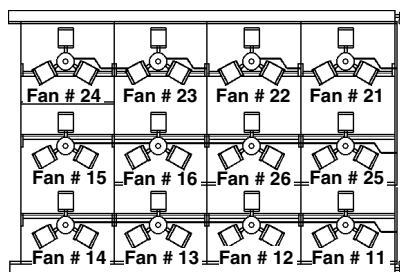
**080C, 090C
Fan Deck Detail**



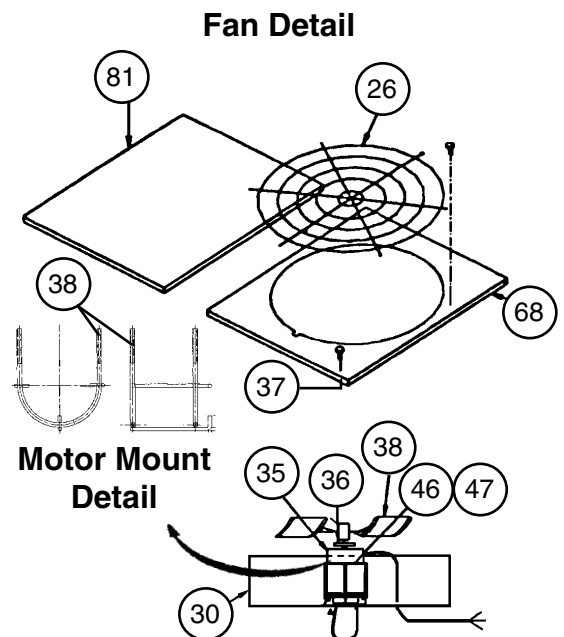
**105C
Fan Deck Detail**



**105C
Fan Deck Detail**



**125C, 135C
Fan Deck Detail**



Section M- Condenser Section

Units with Original Fan Assembly (3 blade Prop) ⁷

Components

Ref No.	Part Description	Part Number	Unit Size								
			080			090			105		
			208/230V	460/380V	575V	208/230V	460/380V	575V	208/230V	460/380V	575V
1	Compressor #1 see 4 pages after next										
1A	Compressor #3 see 4 pages after next										
2	Compressor #2 see 4 pages after next										
2A	Compressor #4 see 4 pages after next										
5	Horizontal Coil Aluminum Fin ¹	055560703	1	1	1						
	Horizontal Coil Aluminum Fin ²	055560705				1	1	1	1	1	1
	Horizontal Coil Aluminum Fin ²	055560707								1	1
	Horizontal Coil Copper Fin ³	055560704	1	1	1						
	Horizontal Coil Copper Fin ⁴	055560706				1	1	1	1	1	1
	Horizontal Coil Copper Fin ⁴	055560708								1	1
7	Vertical Coil- Circuit #1 Aluminum Fin ²	055561503	1	1	1						
	Vertical Coil- Circuit #1 Aluminum Fin ²	055561505				1	1	1	1	1	1
	Vertical Coil- Circuit #1 Aluminum Fin ²	055561507								1	1
	Vertical Coil- Circuit #1 Copper Fin ⁴	055561504	1	1	1						
	Vertical Coil- Circuit #1 Copper Fin ⁴	055561506				1	1	1	1	1	1
	Vertical Coil- Circuit #1 Copper Fin ⁴	055561508								1	1
8	Vertical Coil- Circuit #2 Aluminum Fin ²	055561603	1	1	1						
	Vertical Coil- Circuit #2 Aluminum Fin ²	055561605				1	1	1	1	1	1
	Vertical Coil- Circuit #2 Aluminum Fin ²	055561607								1	1
	Vertical Coil- Circuit #2 Copper Fin ⁴	055561604	1	1	1						
	Vertical Coil- Circuit #2 Copper Fin ⁴	055561606				1	1	1	1	1	1
	Vertical Coil- Circuit #2 Copper Fin ⁴	055561608								1	1
26	Fan Guard	047359201 ⁷	8	8	8	8	8	8	9	9	9
30	Channel- Motor Support	055545501 ⁷	8	8	8	8	8	8	9	9	9
	Channel- Motor Support	055672801 ⁷								10	10
35	Motor- Condenser	111052903 ⁵	8	8		8	8		9	9	
	Motor- Condenser (1/08 & Earlier) 1.5HP	046744200 ⁵			8			8		9	
	Motor- Condenser (2/08 & Later) 1.0HP	046744203 ⁵			8			8		9	
36	Rain Slinger	027471200 ⁷	8	8	8	8	8	8	9	9	9
37	Fan Propeller- 4 Blade	258981901 ⁶	8	8	8	8	8	8	9	9	9
38	Motor Mount- U Bolt	046743101 ⁷	8	8	8	8	8	8	9	9	9
46	Nut	032333304 ⁷	32	32	32	32	32	32	36	36	36
47	Washer- Flat	040500308 ⁷	32	32	32	32	32	32	36	36	36
68	Top Panel	055556001 ⁷	8	8	8	8	8	8	9	9	9
	Top Panel	055556002 ⁷								10	10
81	Panel, Blank- Fan Deck	055547102 ⁷	1	1	1	1	1	1	0	0	0
	Panel, Blank- Fan Deck	055672702 ⁷								2	2

¹ Code 43= AY.

² Code 43= AY, AG, AS, AB.

³ Code 43= CY.

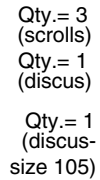
⁴ Code 43= CY, CG, CS, CB.

⁵ If unit has **Speedtrol** (Code 45= 2) Fan Motors #11 & #21 are p/n **034914500**.

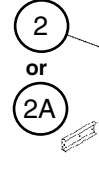
⁶ Note that the original Fan Props (3 AND 5 blade) are obsolete. They have been replaced with this functional replacement four (4) blade Prop.

⁷ There were TWO DIFFERENT Condenser Fan Assemblies provided during the production run. Due to overlapping production times it is necessary to VISUALLY confirm which style of assembly is installed BEFORE ordering parts. (The most notable differences are in the design of the Fan Motor Mount [Ref # 38] and the Fan Guard [Ref # 26]. Refer to the Fan detail on the following page to aid in identification.) If visual identification is not possible, contact Daikin Applied with model and serial number information so that the correct part(s) can be identified.

Diagrams



(shown with scroll compressors: Code 44= Z, T)



Condenser Section



Section M- Condenser Section

Units with Later Fan Assembly (4 blade Prop) ⁵

Standard Fans (Code 47= 1, 2)

Components

Ref No.	Part Description	Part Number	Unit Size								
			080			090			105		
			208/230V	460/380V	575V	208/230V	460/380V	575V	208/230V	460/380V	575V
1,1A	Compressors #1,3,5 see 2 pages after next										
2,2A	Compressors #2,4,6 see 2 pages after next										
5	Horizontal Coil Aluminum Fin ¹	055560703	1	1	1						
	Horizontal Coil Aluminum Fin ¹	055560705				1	1	1	1	1	1
	Horizontal Coil Aluminum Fin ¹	055560707							1	1	1
	Horizontal Coil Copper Fin ²	055560704	1	1	1						
	Horizontal Coil Copper Fin ²	055560706				1	1	1	1	1	1
	Horizontal Coil Copper Fin ²	055560708							1	1	1
7	Vertical Coil- Circuit #1 Aluminum Fin ¹										
	Scroll Compressors Code 44= Z, T	251701903	1	1	1						
	Scroll Compressors Code 44= Z, T	251701905				1	1	1	1	1	1
	Discus Compressors Code 44= H, K	055561503	1	1	1						
	Discus Compressors Code 44= H, K	055561505				1	1	1	1	1	1
	Discus Compressors Code 44= H, K	055561507							1	1	1
	Vertical Coil- Circuit #1 Copper Fin ²	251703004	1	1	1						
	Vertical Coil- Circuit #1 Copper Fin ²	055561506				1	1	1	1	1	1
	Vertical Coil- Circuit #1 Copper Fin ²	055561508							1	1	1
8	Vertical Coil- Circuit #2 Aluminum Fin ¹										
	Scroll Compressors Code 44= Z, T	251702003	1	1	1						
	Scroll Compressors Code 44= Z, T	251702005				1	1	1	1	1	1
	Discus Compressors Code 44= H, K	055561603	1	1	1						
	Discus Compressors Code 44= H, K	055561605				1	1	1	1	1	1
	Discus Compressors Code 44= H, K	055561607							1	1	1
	Vertical Coil- Circuit #2 Copper Fin ²	251703204	1	1	1						
	Vertical Coil- Circuit #2 Copper Fin ²	055561606				1	1	1	1	1	1
	Vertical Coil- Circuit #2 Copper Fin ²	055561608							1	1	1
26	Fan Guard	098668302 ⁵	8	8	8	8	8	8	9	9	9
35	Motor- Condenser	111052903 ³	8	8		8	8		9	9	
	Standard (1/08 & Earlier) C47= 1, 2	046744200 ³			8			8			9
	Standard (2/08 & Later) C47= 1, 2	046744203 ³			8			8			9
37	Fan Propeller- 4 Blade	258981901 ⁶	8	8	8	8	8	8	9	9	9
38	Motor Mount- 2 pc.	098667802 ^{4,5}	16	16	16	16	16	16	18	18	18
44	Screw, Cap	048878129	16	16	16	16	16	16	24	24	24
46	Nut	040500104	32	32	32	32	32	32	48	48	48
47	Washer- Flat	040500307	16	16	16	16	16	16	24	24	24
50	Top Panel	110941201 ⁵	8	8	8	8	8	8	9	9	9
	Top Panel	110941002 ⁵									
81	Panel, Blank- Fan Deck	110943201 ⁵									
	Panel, Blank- Fan Deck	098666802 ⁵	1	1	1	1	1	1			

¹ Code 43= AY, AG, AS, AB.

² Code 43= CY, CG, CS, CB.

³ If unit has **Speedtrol** (Code 47= 2) Fan Motors #11 & #21 are p/n **034914500**. P/N 111052903 is a replacement motor. Rain Slinger 027471200 is ONLY used with the obsolete older style Fan Motor. P/N 111052903 comes assembled with a slinger.

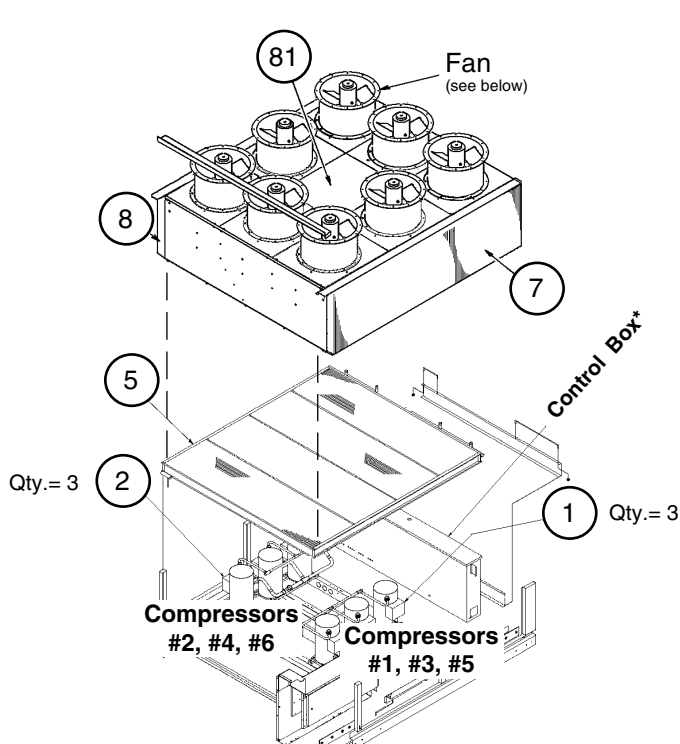
⁴ P/N 098667802 is only 1 of the two pieces that make up the Motor Mount. For a complete Motor Mount, order a qty. of TWO PER Fan.

⁵ There were TWO DIFFERENT Condenser Fan Assemblies provided during the production run. Due to overlapping production times it is necessary to VISUALLY confirm which style of assembly is installed BEFORE ordering parts. (The most notable differences are in the design of the Fan Motor Mount [Ref # 38] and the Fan Guard [Ref # 26].) If visual identification is not possible, contact Daikin Applied with model and serial number information so that the correct part(s) can be identified.

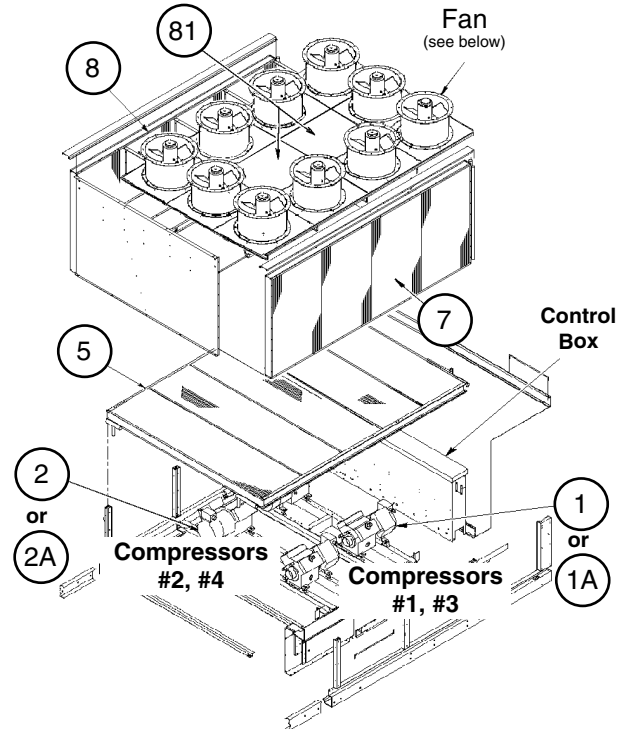
Section M- Condenser Section

Quiet Fans (Code 47= 3, 4)

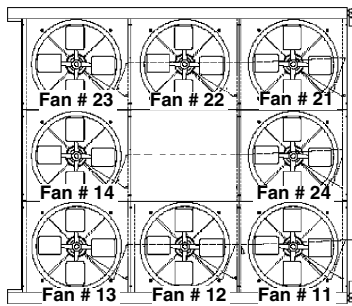
Diagrams



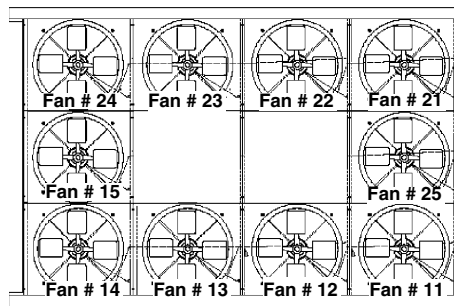
080C, 090C, 105C
(090 Shown)



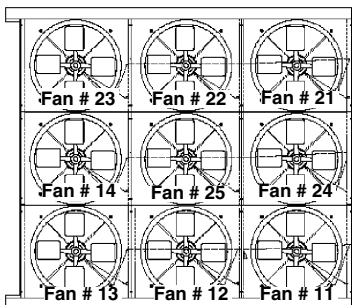
115C, 125C, 135C
(115 shown)



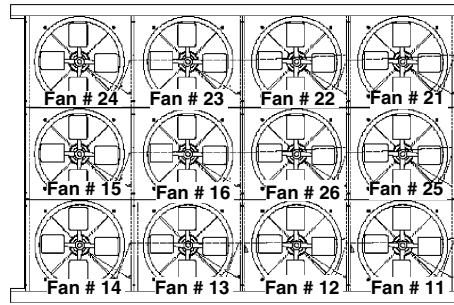
080C, 090C
Fan Deck Detail



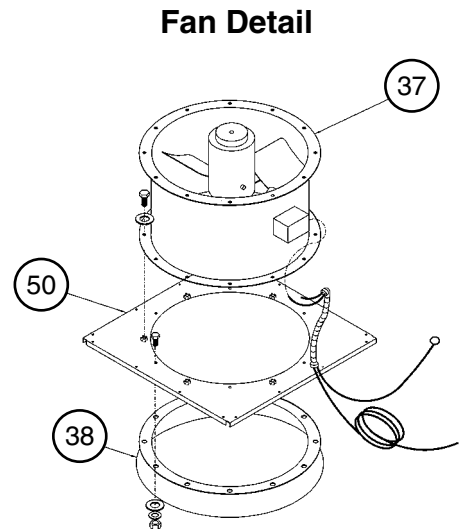
115C
Fan Deck Detail



105C
Fan Deck Detail



125C, 135C
Fan Deck Detail



Section M- Condenser Section

Quiet Fans (Code 47= 3, 4)

Components

Ref No.	Part Description	Part Number	Unit Size								
			080			090			105		
			208/230V	460/380V	575V	208/230V	460/380V	575V	208/230V	460/380V	575V
1,1A	Compressors #1,3,5 see next page										
2,2A	Compressors #2,4,6 see next page										
5	Horizontal Coil Aluminum Fin ¹	055560703	1	1	1						
	Horizontal Coil Aluminum Fin ¹	055560705				1	1	1	1	1	1
	Horizontal Coil Aluminum Fin ¹	055560707							1	1	1
	Horizontal Coil Copper Fin ²	055560704	1	1	1						
	Horizontal Coil Copper Fin ²	055560706				1	1	1	1	1	1
	Horizontal Coil Copper Fin ²	055560708							1	1	1
7	Vertical Coil- Circuit #1 Aluminum Fin ¹	066305219	1	1	1						
	Vertical Coil- Circuit #1 Aluminum Fin ¹	104474263				1	1	1	1	1	1
	Vertical Coil- Circuit #1 Aluminum Fin ¹	104474121							1	1	1
	Vertical Coil- Circuit #1 Copper Fin ²	251703004	1	1	1						
	Vertical Coil- Circuit #1 Copper Fin ²	104474131				1	1	1	1	1	1
	Vertical Coil- Circuit #1 Copper Fin ²	055561508							1	1	1
8	Vertical Coil- Circuit #2 Aluminum Fin ¹	066305319	1	1	1						
	Vertical Coil- Circuit #2 Aluminum Fin ¹	104474265				1	1	1	1	1	1
	Vertical Coil- Circuit #2 Aluminum Fin ¹	104474122							1	1	1
	Vertical Coil- Circuit #2 Copper Fin ²	251703204	1	1	1						
	Vertical Coil- Circuit #2 Copper Fin ²	104474132				1	1	1	1	1	1
	Vertical Coil- Circuit #2 Copper Fin ²	055561608							1	1	1
37	Motor/Fan Assembly- Condenser	098874203	8			8			9		
	Motor/Fan Assembly- Condenser	098874202		8			8		9		
	Motor/Fan Assembly- Condenser	098874201			8		8		9		
38	Housing, Bell- Fan	098874301	8	8	8	8	8	8	9	9	9
50	Panel- Fan	111425201	8	8	8	8	8	8	9	9	9
	Panel- Fan	113021901								10	10
81	Panel, Blank- Fan Deck	110943201								2	2
	Panel, Blank- Fan Deck	098666802	1	1	1	1	1	1			

¹ Code 43= AY, AG, AS, AB.

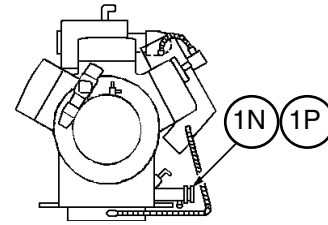
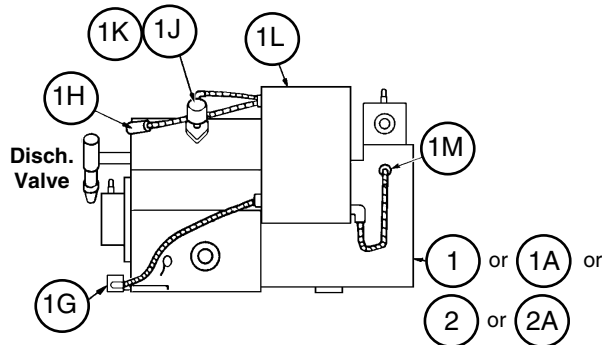
² Code 43= CY, CG, CS, CB.

Section M- Condenser Section

Units with Semi Hermetic Compressors (Code 44= H, K)

Compressors & Compressor Components

Compressor Detail



Oil Equalization Detail

Ref No.	Part Description	Part Number	Unit Size ¹																													
			080						090						105						115, 125						135					
			208/230V		460/380V		575V		208/230V		460/380V		575V		208/230V		460/380V		575V		208/230V		460/380V		575V		208/230V		460/380V		575V	
			AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW
⁴	Compressor																															
	25HP R22 ²																															
	0 unloaders	049267100												2	2	2																
	1 unloader	046496500												2	2	2																
	0 unloaders	049268600															2															
	1 unloader	046496600															2															
	0 OR 1 Unloader	047131100															2	2														
	25HP R407C ³																															
	0 unloaders	251701501												2	2	2																
	1 unloader	251701502												2	2	2																
	0 unloaders	251701503															2															
	1 unloader	251701504															2															
	0 OR 1 Unloader	251701506															2	2														
	30HP R22 ²																															
	0 OR 1 Unloader	046496700																2	2	2												
	0 OR 1 Unloader	046496800																		2												
	0 OR 1 Unloader	047131200																			2	2										
	30HP R407C ³																															
	0 OR 1 Unloader	251701601																2	2	2												
	0 OR 1 Unloader	251701603																		2												
	0 OR 1 Unloader	251701605																			2	2										
	35HP R22 ²																															
	1 unloader	049267200	2	2	2																				2	2	2					
	2 unloaders	046496900	2	2	2																				2	2	2					
	1 unloader	049267400				2																						2				
	2 unloaders	046497000				2																						2				
	1 unloader	049267600					2	2																					2	2		
	2 unloaders	047131300					2	2																					2	2		

¹ AL= Across the Line Start (Code 10= AL); PW= Part Winding Start (Code 10= PW, PP).

² Code 44= H.

³ Code 44= K.

⁴ Unit sizes 080 & 090, Ref 1, 2 / Compressor 1, 2; Unit size 105-135, Ref 1,1A / Compressor 1, 3.

Section M- Condenser Section

Units with Semi Hermetic Compressors (Code 44= H, K)

Compressors & Compressor Components, Continued

Ref No.	Part Description	Part Number	Unit Size ¹																													
			080						090						105						115, 125						135					
			208/230V		460/380V		575V		208/230V		460/380V		575V		208/230V		460/380V		575V		208/230V		460/380V		575V		208/230V		460/380V		575V	
			AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW
9	Compressor																															
	35HP R407C ³																															
	1 unloader	251701702	2	2	2																					2	2	2				
	2 unloaders	251701703	2	2	2																					2	2	2				
	1 unloader	251701705				2																								2		
	2 unloaders	251701706				2																								2		
	1 unloader	251701708					2	2																						2	2	
	2 unloaders	251701709					2	2																						2	2	
	40HP R22 ²																															
	1 unloader	049268100 ⁴							2	2	2																					
	2 unloaders	044462800 ⁵							2	2	2																					
	1 unloader	049267900										2																				
	2 unloaders	044462900										2																				
	1 or 2 unloaders	047131400											2	2																		
	40HP R407C ³																															
	1 unloader	251701805 ⁴							2	2	2																					
	2 unloaders	251701806 ⁵							2	2	2																					
	1 unloader	251701808										2																				
	2 unloaders	251701809										2																				
	1 or 2 unloaders	251701812											2	2																		
1G	Crankcase Heater																															
	Liquid Tite Conduit ⁷	059479001	2	2	2	2	2	2						2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	Flex Conduit ⁸	059443001	2	2	2	2	2	2						2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	All Conduit	030178400							2	2	2	2	2																			
1H	High Pressure Control																															
	MicroTech	047356110	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	MicroTech II	047356120	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
1J	Valve- Unloader	046497300	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
1K	Gasket- Unloader	046498800	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
1L	Gasket	027017048	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2									

¹ AL= Across the Line Start (Code 10= AL); PW= Part Winding Start (Code 10= PW, PP).

² Code 44= H.

³ Code 44= K.

⁴ 230/460V units only. For 208V units use p/n 049267700 (R22) or 251701802 (R407C).

⁵ 230/460V units only. For 208V units use p/n 044462700 (R22) or 251701803 (R407C).

⁶ Quantity of unloader valve is as required. There are 2 gaskets PER valve.

⁷ Code 43= AS, AB, CS, CB.

⁸ Code 43= AG, AY, CG, CY.

⁹ Unit sizes 080 & 090, Ref 1, 2 / Compressor 1, 2; Unit size 105-135, Ref 1, 1A / Compressor 1, 3.

Section M- Condenser Section

Units with Semi Hermetic Compressors (Code 44= H, K)

Compressors & Compressor Components, Continued

Ref No.	Part Description	Part Number	Unit Size ¹																	
			105						115						125,135					
			208/230V		460/380V		575V		208/230V		460/380V		575V		208/230V		460/380V		575V	
			AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW
2,2A	Compressor #2,4																			
	25HP R22 ²																			
	0 unloaders	049267100	2	2	2															
	1 unloader	046496500	2	2	2															
	0 unloaders	049268600				2														
	1 unloader	046496600				2														
	0 OR 1 Unloader	047131100					2	2												
	25HP R407C ³																			
	0 unloaders	251701501	2	2	2															
	1 unloader	251701502	2	2	2															
	0 unloaders	251701503				2														
	1 unloader	251701504				2														
	0 OR 1 Unloader	251701506					2	2												
	30HP R22 ²																			
	0 OR 1 Unloader	046496700							2	2	2									
	0 OR 1 Unloader	046496800										2								
	0 OR 1 Unloader	047131200											2	2						
	30HP R407C ³																			
	0 OR 1 Unloader	251701601							2	2	2									
	0 OR 1 Unloader	251701603										2								
	0 OR 1 Unloader	251701605											2	2						
	35HP R22 ²																			
	1 unloader	049267200													2	2	2			
	2 unloaders	046496900													2	2	2			
	1 unloader	049267400																2		
	2 unloaders	046497000																2		
	1 unloader	049267600																	2	
	2 unloaders	047131300																	2	
	35HP R407C ³																			
	1 unloader	251701702													2	2	2			
	2 unloaders	251701703													2	2	2			
	1 unloader	251701705																2		
	2 unloaders	251701706																2		
	1 unloader	251701708																	2	
	2 unloaders	251701709																	2	

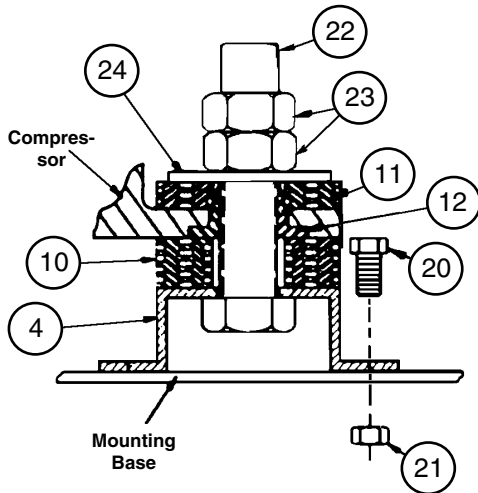
¹ AL= Across the Line Start (Code 10= AL); PW= Part Winding Start (Code 10= PW, PP).

² Code 44= H.

³ Code 44= K.

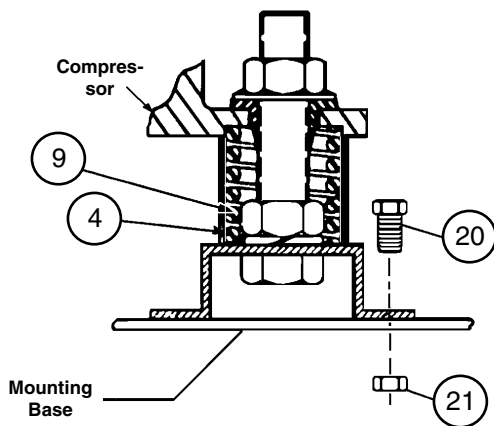
Section M- Condenser Section **Units with Semi Hermetic Compressors (Code 44= H, K)** **Compressor Mounting**

Resilient Mount (Code 45= 1)



Ref. No.	Part Description	Comp. HP	Part Number	Qty.
4	Channel- Rubber Mount	All	055565501	4
10	Spacer Pad- Lower	All	041763300	4
11	Spacer Pad- Upper	All	041763400	4
12	Spacer- Rubber	All	019941000	4
20	Screw- Cap, 3/8-16 X 1	All	048878118	8
21	Nut- Hex, Flanged	All	032333304	8
22	Bolt- Hex 5/8-11 X 2.75	All	040499525	4
23	Nut- Hex, 5/8-11	All	040500002	8
24	Washer- Flat, 5/8	All	040500312	4

Spring Mount (Code 45= 2)



Ref. No.	Part Description	Comp. HP	Part Number	Qty.
4	Channel- Spring Mount	All	055646001	4
9	Spring Isolator	20	001402900	1 ¹
	Spring Isolator	25, 30	001403600	1 ¹
	Spring Isolator	35	019439200	1 ¹
	Spring Isolator	40	034895100	1 ¹
20	Screw- Cap, 3/8-16 X 1	All	048878118	8
21	Nut- Hex, Flanged	All	032333304	8

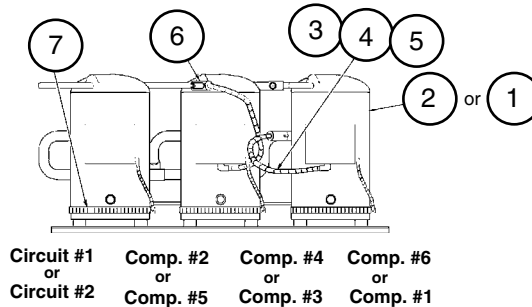
¹ includes 4 springs.

Section M- Condenser Section

Units with Scroll Compressors

R22 Compressor (Code 44= Z)- Until 7/08

Components



Ref No.	Part Description	Part Number	Unit Size								
			080			090			105		
			208/230V	460/380V	575V	208/230V	460/380V	575V	208/230V	460/380V	575V
	R22 Code 44= Z										
1, 2	Compressor #1, 2, 3, 4, 5, 6 Trio ³	060010321	6			3 ¹					
	Compressor #1, 2, 3, 4, 5, 6 Trio ³	060010323		6		3 ¹					
	Compressor #1, 2, 3, 4, 5, 6 Trio ³	060010324			6		3 ¹				
	Compressor #1, 2, 3, 4, 5, 6 Trio ³	060010421				3 ²			6		
	Compressor #1, 2, 3, 4, 5, 6 Trio ³	060010423				3 ²			6		
	Compressor #1, 2, 3, 4, 5, 6 Trio ³	060010424					3 ²			6	
3	Low Pressure Control	047356111	2	2	2	2	2	2	2	2	2
4	Valve Stem	110986801	2	2	2	2	2	2	2	2	2
5	Valve Core	026541100	2	2	2	2	2	2	2	2	2
6	High Pressure Control										
	MicroTech OR No Controls ⁴	047356110	2	2	2	2	2	2	2	2	2
	MicroTech II Controls ⁵	047356120	2	2	2	2	2	2	2	2	2
7	Crankcase Heater										
	Standard Conduit ⁶	112056403	6	6	6	6	6	6	6	6	6
	Liquid-Tite Conduit ⁷	111003001	6	6	6	6	6	6	6	6	6

¹ Circuit #2 (Compressors #2, 4, 6).

² Circuit #1 (Compressors #1, 3, 5).

³ Part number is for one (1) Compressor.

⁴ Code 12= 1M, 2M, 4M, 5M, YM, YC.

⁵ Code 12= SS, SD, ES, ED, BS, BD, LS, LD.

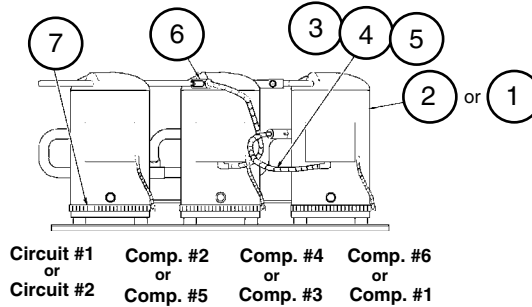
⁶ Code 43= AG, AY, CG, CY.

⁷ Code 43= AS, AB, CS, CB.

Section M- Condenser Section

Units with Scroll Compressors

R22 Compressor (Code 44= Z)- 7/08 & Later Components



Ref No.	Part Description	Part Number	Unit Size								
			080			090			105		
			208/230V	460/380V	575V	208/230V	460/380V	575V	208/230V	460/380V	575V
	R22 Code 44= Z										
1, 2	Compressor #1, 2, 3, 4, 5, 6 Trio ³	113116801	6			3 ¹					
	Compressor #1, 2, 3, 4, 5, 6 Trio ³	113116803		6		3 ¹					
	Compressor #1, 2, 3, 4, 5, 6 Trio ³	113116804			6		3 ¹				
	Compressor #1, 2, 3, 4, 5, 6 Trio ³	113117101				3 ²			6		
	Compressor #1, 2, 3, 4, 5, 6 Trio ³	113117103					3 ²			6	
	Compressor #1, 2, 3, 4, 5, 6 Trio ³	113117104						3 ²			6
3	Low Pressure Control	047356111	2	2	2	2	2	2	2	2	2
4	Valve Stem	110986801	2	2	2	2	2	2	2	2	2
5	Valve Core	026541100	2	2	2	2	2	2	2	2	2
6	High Pressure Control										
	MicroTech OR No Controls ⁴	047356110	2	2	2	2	2	2	2	2	2
	MicroTech II OR III Controls ⁵	047356120	2	2	2	2	2	2	2	2	2
7	Crankcase Heater	113108903	6	6	6	6	6	6	6	6	6

¹ Circuit #2 (Compressors #2, 4, 6).

² Circuit #1 (Compressors #1, 3, 5).

³ Part number is for one (1) Compressor.

⁴ Code 12= 1M, 2M, 4M, 5M, YM, YC

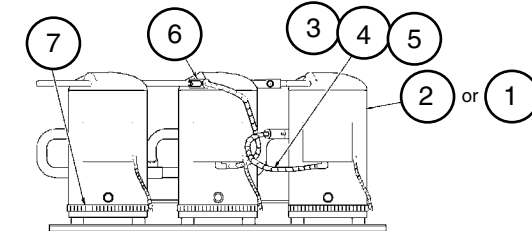
⁵ Code 12= *D, *S, *E, *F.

Section M- Condenser Section

Units with Scroll Compressors

R407C Compressor (Code 44= T)- Until 7/08

Components



Circuit #1 Comp. #2 Comp. #4 Comp. #6
or or or or
Circuit #2 Comp. #5 Comp. #3 Comp. #1

Ref No.	Part Description	Part Number	Unit Size								
			080			090			105		
			208/230V	460/380V	575V	208/230V	460/380V	575V	208/230V	460/380V	575V
	R407C Code 44= T										
1, 2	Compressor #1, 2, 3, 4, 5, 6 Trio ³	098868901	6			3 ¹					
	Compressor #1, 2, 3, 4, 5, 6 Trio ³	098868903		6		3 ¹					
	Compressor #1, 2, 3, 4, 5, 6 Trio ³	098868904			6		3 ¹				
	Compressor #1, 2, 3, 4, 5, 6 Trio ³	098868801				3 ²			6		
	Compressor #1, 2, 3, 4, 5, 6 Trio ³	098868803				3 ²			6		
	Compressor #1, 2, 3, 4, 5, 6 Trio ³	098868804					3 ²			6	
3	Low Pressure Control	047356111	2	2	2	2	2	2	2	2	2
4	Valve Stem	110986801	2	2	2	2	2	2	2	2	2
5	Valve Core	026541100	2	2	2	2	2	2	2	2	2
6	High Pressure Control										
	MicroTech II Controls ⁴	047356121	2	2	2	2	2	2	2	2	2
	No Controls ⁵	047356122	2	2	2	2	2	2	2	2	2
7	Crankcase Heater										
	Standard Conduit ⁶	112056403	6	6	6	6	6	6	6	6	6
	Liquid-Tite Conduit ⁷	111003001	6	6	6	6	6	6	6	6	6

¹ Circuit #2 (Compressors #2, 4, 6).

² Circuit #1 (Compressors #1, 3, 5).

³ Part number is for one (1) Compressor.

⁴ Code 12= SS, SD, ES, ED, BS, BD, LS, LD.

⁵ Code 12= YM, YC.

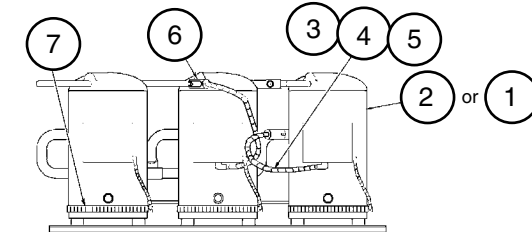
⁶ Code 43= AG, AY, CG, CY.

⁷ Code 43= AS, AB, CS, CB.

Section M- Condenser Section

Units with Scroll Compressors

R407C Compressor (Code 44= T)- 7/08 & Later Components



Circuit #1 or Circuit #2 Comp. #2 or Comp. #5 Comp. #4 or Comp. #3 Comp. #6 or Comp. #1

Ref No.	Part Description	Part Number	Unit Size								
			080			090			105		
			208/230V	460/380V	575V	208/230V	460/380V	575V	208/230V	460/380V	575V
	R407C	Code 44= T									
1, 2	Compressor #1, 2, 3, 4, 5, 6	Trio ³	113119101	6		3 ¹					
	Compressor #1, 2, 3, 4, 5, 6	Trio ³	113119103		6		3 ¹				
	Compressor #1, 2, 3, 4, 5, 6	Trio ³	113119104			6		3 ¹			
	Compressor #1, 2, 3, 4, 5, 6	Trio ³	113119301				3 ²		6		
	Compressor #1, 2, 3, 4, 5, 6	Trio ³	113119203					3 ²		6	
	Compressor #1, 2, 3, 4, 5, 6	Trio ³	113119204								6
3	Low Pressure Control	047356111	2	2	2	2	2	2	2	2	2
4	Valve Stem	110986801	2	2	2	2	2	2	2	2	2
5	Valve Core	026541100	2	2	2	2	2	2	2	2	2
6	High Pressure Control										
	MicroTech II Controls ⁴	047356121	2	2	2	2	2	2	2	2	2
	No Controls ⁵	047356122	2	2	2	2	2	2	2	2	2
7	Crankcase Heater	113108903	6	6	6	6	6	6	6	6	6

¹ Circuit #2 (Compressors #2, 4, 6).

² Circuit #1 (Compressors #1, 3, 5).

³ Part number is for one (1) Compressor.

⁴ Code 12= SS, SD, ES, ED, BS, BD, LS, LD.

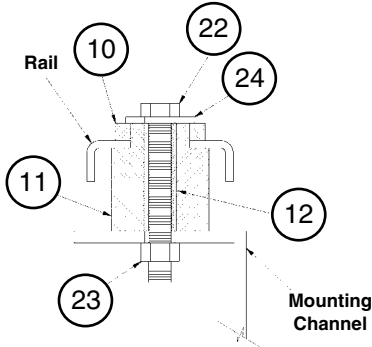
⁵ Code 12= YM, YC.

Section M- Condenser Section

Units with Scroll Compressors (Code 44= Z, T)

Compressor Mounting

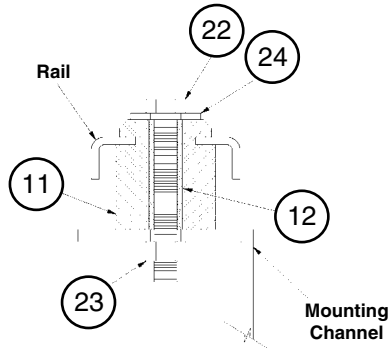
Trio Compressors- Unit Sizes 080C, 090C, 105C
Until 6/04



Ref. No.	Part Description	Comp. HP	Part Number	Qty.
10	Spacer	All	111056001	6
11	Spacer	All	111056101	6
12	Sleeve	All	111056201	6
22	Screw	All	048878123	6
23	Nut	All	032333304	6
24	Washer	All	040500316	6

NOTE: Quantities are per circuit (for one trio)

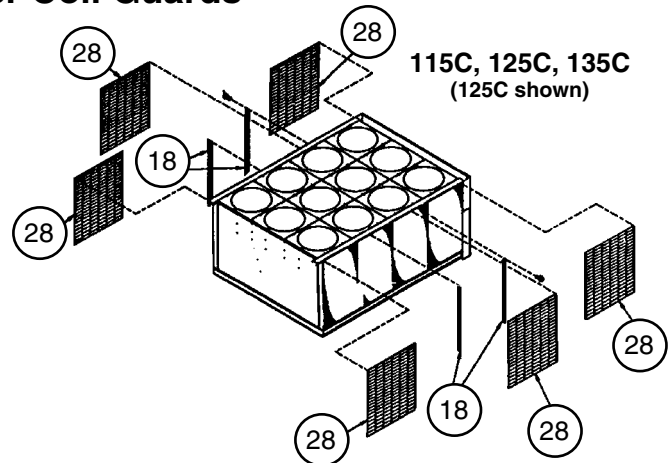
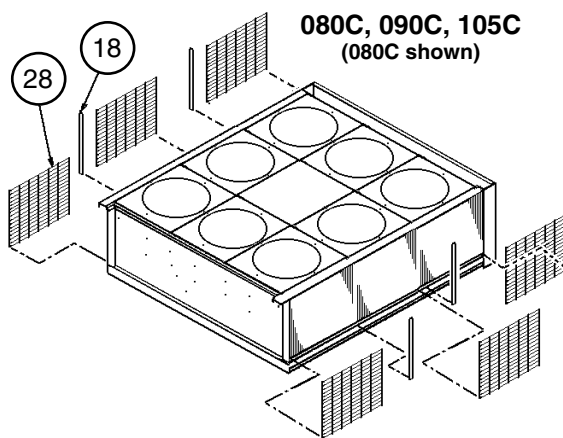
Trio Compressors- Unit Sizes 080C, 090C, 105C
6/04 and Later



Ref. No.	Part Description	Comp. HP	Part Number	Qty.
11	Grommet	All	251774401	8
12	Sleeve	All	111056201	8
22	Screw	All	048878123	8
23	Nut	All	032333304	8
24	Washer	All	040500316	8

NOTE: Quantities are per circuit (for one trio)

Condenser Coil Guards



Ref No.	Part Description	Unit Size			Qty.
		080	090, 105	115, 125, 135	
18	Channel- Grille Support	055544202	055680802	055673202	4
28	Grille- Coil Guard	049757701	049757702	049757703	6

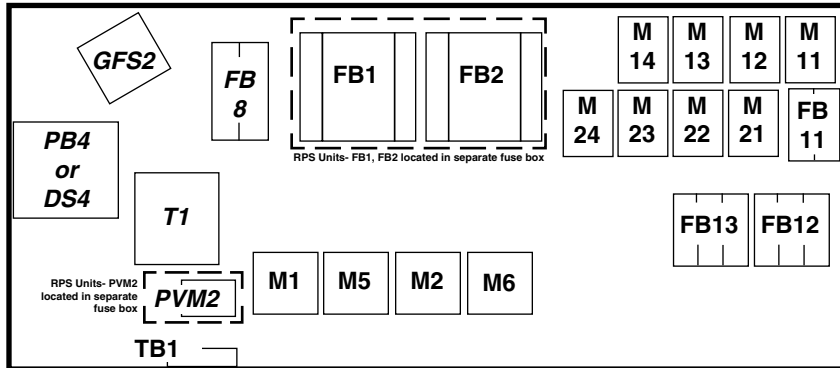
N/A= Not applicable.

Section M- Condenser Section

Condenser Control Box

RPS/RDT/RCS

Power Panel Diagrams Until 3/05

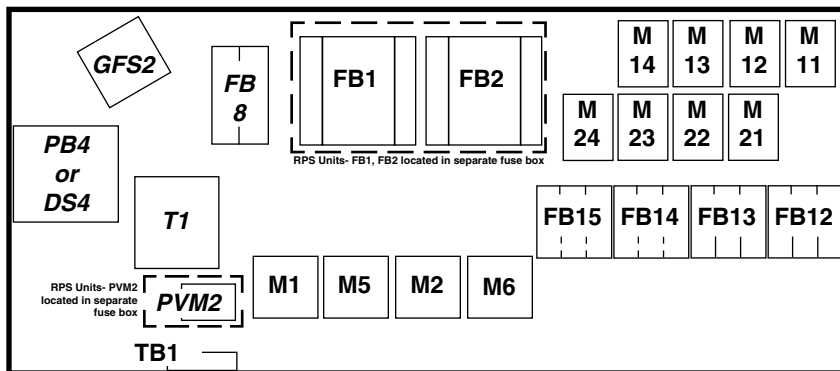


Power Panel- Unit Sizes 080C, 090C With Speedtrol (Code 47= 2)

NOTE: Italicized components are used only on RCS units.

NOTE: RPS units have a separate fuse box which contains FB1, FB2, PVM2.

NOTE: M5, M6 Not Used on 460V/575V AL units.



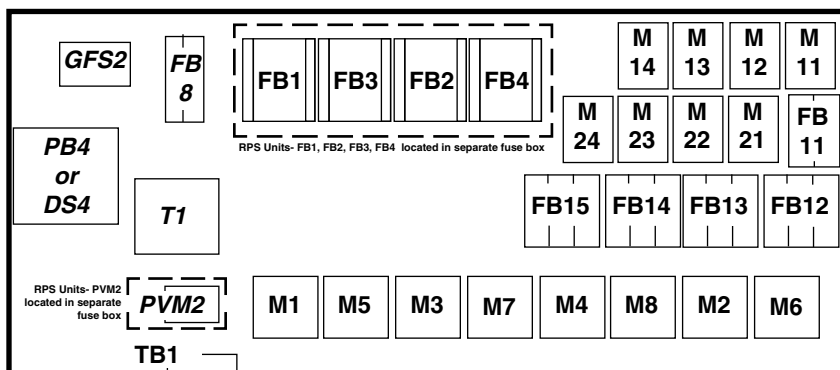
Power Panel- Unit Sizes 080C, 090C No Speedtrol (Code 47= 1)

NOTE: Italicized components are used only on RCS units.

NOTE: RPS units have a separate fuse box which contains FB1, FB2, PVM2.

NOTE: FB14, FB15 used only on 208/230V units.

NOTE: M5, M6 Not Used on 460V/575V AL units.



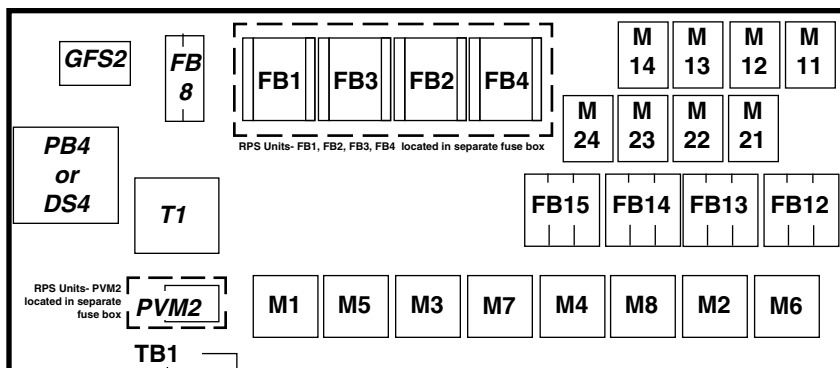
Power Panel- Unit Sizes 105C, 115C, 125C, 135C With Speedtrol (Code 47= 2)

NOTE: Italicized components are used only on RCS units.

NOTE: RPS units have a separate fuse box which contains FB1, FB2, FB3, FB4, PVM2.

NOTE: FB14 Not Used on 105C units. FB14, FB15 Not Used on 460V or 575V units.

NOTE: M5, M6, M7, M8 Not Used on 460V/575V AL units.



Power Panel- Unit Sizes 105C, 115C, 125C, 135C No Speedtrol (Code 47= 1)

NOTE: Italicized components are used only on RCS units.

NOTE: RPS units have a separate fuse box which contains FB1, FB2, FB3, FB4, PVM2.

NOTE: FB14, FB15 Not Used on 460V or 575V units.

NOTE: M5, M6, M7, M8 Not Used on 460V/575V AL units.

Section M- Condenser Section

Condenser Control Box- RPS/RDT/RCS

Power Panel Components Until 3/05

Sch Sym	Part Description	Part Number	Unit Sizes									
			080, 090					105, 115, 125, 135				
			208V	230V	380V	460V	575V	208V	230V	380V	460V	575V
	Transformer											
T1	Transformer- Main RCS only	038253913	1		1							
	Transformer- Main RCS only	038253904		1		1						
	Transformer- Main RCS only	038253932					1					
	Transformer- Main RCS only	038253916						1				
	Transformer- Main RCS only	038253907							1			
	Transformer- Main RCS only	038253915								1		
	Transformer- Main RCS only	038253906									1	
	Transformer- Main RCS only	038253929										1
	Fuse Block- T1 Transformer											
FB8	Fuse Block- T1 Transformer RCS only	023780202	1	1				1	1			
	Fuse Block- T1 Transformer RCS only	023780203			1	1	1			1	1	1
	Fuse- FB8											
	Fuse- FB8 Fuse Block 4.0A	025860530	2									
	Fuse- FB8 Fuse Block 3.2A	025860532		2								
	Fuse- FB8 Fuse Block 3.5A	025860435			2							
	Fuse- FB8 Fuse Block 3.0A	025860434				2						
	Fuse- FB8 Fuse Block 2.5A	025860402					2					
	Fuse- FB8 Fuse Block 12.0A	025860534						2				
	Fuse- FB8 Fuse Block 10.0A	025860504							2			
	Fuse- FB8 Fuse Block 4.0A	025860436								2		
	Fuse- FB8 Fuse Block 3.5A	025860435									2	
	Fuse- FB8 Fuse Block 5.0A	025860433										2
	Terminal Blocks											
TB1	Terminal Block- Receptacle	022431203	1	1	1	1	1	1	1	1	1	1
	Ground Fault²											
GFR2	Relay- Ground Fault	065813401	1	1	1	1	1	1	1	1	1	1
GFS2	Sensor- Ground Fault Relay	065813402	1	1	1	1	1	1	1	1	1	1
	Phase Voltage³											
PVM2	Phase Voltage Monitor until 8/02	059475306	1	1	1	1		1	1	1	1	
	Phase Voltage Monitor 8/02 & Later	098860401	1	1	1	1		1	1	1	1	
	Phase Voltage Monitor	059475303					1					1
	Power Block- RCS (Code 11= P1)											
PB4	Power Block 335A 600V	030372706	1	1	1	1	1	1	1	1	1	1
	Power Block 380A 600V	030372720	1	1	1	1	1	1	1	1	1	1
	Power Block 335A 600V	030372717	1	1	1	1	1	1	1	1	1	1
	Power Block 760A 600V	030372721	1	1	1	1	1	1	1	1	1	1
	Disconnect Switch- RCS (Code 11= A2)											
DS4	Disconnect Switch 100A 600V	047442101	1	1	1	1	1	1	1	1	1	1
	Disconnect Switch 150A 600V	047442102	1	1	1	1	1	1	1	1	1	1
	Disconnect Switch 225A 240V	047442103	1	1	1	1	1	1	1	1	1	1
	Disconnect Switch 250A 600V	047442104	1	1	1	1	1	1	1	1	1	1
	Disconnect Switch 600A 600V	047442106	1	1	1	1	1	1	1	1	1	1
	Disconnect Switch 400A 240V	047442108	1	1	1	1	1	1	1	1	1	1
	Disconnect Switch 400A 600V	047442109	1	1	1	1	1	1	1	1	1	1

¹ The power connection (Power Block OR Disconnect Switch) is selected based on unit options. Any of these listed may be used. Check installed part or Contact Daikin Applied to ensure proper replacement is selected.

² Ground Fault is used when Code 17= YG, YC [RCS]; or YG, YB, YC, YD, YK, CG, CB, CC, CD, CK [RPS/RDT]. GFR2 is shown on Control Panel Switch Bracket diagram.

³ PVM is used when Code 17= YP, YC [RCS]; or YP, YA, YC, YD, YH, YJ, YK, CP, CA, CC, CD, CH, CJ, CK [RPS/RDT].

Section M- Condenser Section

Condenser Control Box- RPS/RDT/RCS

Power Panel Components Until 3/05, Continued

Sch Sym	Part Description	Part Number	Unit Size											
			080, 090				105				115			
			208/230V	460V	380V	575V	208/230V	460V	380V	575V	208/230V	460V	380V	575V
	Condenser Fan Fuse Blocks & Fuses Speedtrol Units— Code 47= 2													
FB11	Fuse Block- Condenser Fan ¹	023780202	1				1				1			1
	Fuse Block- Condenser Fan ¹	023780203		1	1	1		1	1	1		1	1	1
	Fuse- FB11	025860505	2				2				2			2
	Fuse- FB11	025860437		2				2				2		
	Fuse- FB11	025860431			2				2				2	
	Fuse- FB11	025860433				2				2				2
FB12	Fuse Block- Condenser Fan	023780204	1				1				1			1
	Fuse Block- Condenser Fan	023780205		1	1	1		1	1	1		1	1	1
	Fuse- FB12	025860507	3 ²				3 ²							3 ²
	Fuse- FB12	025860505								3				
	Fuse- FB12	025860405		3	3	3		3	3	3		3	3	3
FB13	Fuse Block- Condenser Fan	023780204	1				1				1			1
	Fuse Block- Condenser Fan	023780205		1	1	1		1	1	1		1	1	1
	Fuse- FB13	025860505					3				3			
	Fuse- FB13	025860507	3 ²											3 ²
	Fuse- FB13	025860405		3	3	3		3	3	3		3	3	3
FB14	Fuse Block- Condenser Fan	023780204									1			1
	Fuse- FB14	025860505									3			3
FB15	Fuse Block- Condenser Fan	023780204					1				1			1
	Fuse- FB15	025860505					3				3			3
	Condenser Fan Fuse Blocks & Fuses Fantrol Units— Code 47= 1													
FB12	Fuse Block- Condenser Fan	023780204	1				1				1			1
	Fuse Block- Condenser Fan	023780205		1	1	1		1	1	1		1	1	1
	Fuse- FB12	025860505	3				3				3			
	Fuse- FB12	025860507												3
	Fuse- FB12	025860405		3	3	3		3	3	3		3	3	3
FB13	Fuse Block- Condenser Fan	023780204	1				1				1			1
	Fuse Block- Condenser Fan	023780205		1	1	1		1	1	1		1	1	1
	Fuse- FB13	025860505	3				3				3			
	Fuse- FB13	025860507												3
	Fuse- FB13	025860405		3	3	3		3	3	3		3	3	3
FB14	Fuse Block- Condenser Fan	023780204	1				1				1			1
	Fuse- FB14	025860505	3				3							
	Fuse- FB14	025860507									3			3
FB15	Fuse Block- Condenser Fan	023780204	1				1				1			1
	Fuse- FB15	025860505	3											
	Fuse- FB15	025860507					3				3			3
	Condenser Fan Contactors													
M11- M24	Contactor- Condenser Fan Motor	041769601	8	8	8	8	8	8	8	8	8	8	8	8

¹ FB11 is used on speedtrol units only (Code 47= 2).

² Units built prior to 3/00 used Fuse p/n 025860505.

Section M- Condenser Section
Condenser Control Box
Condenser Control Box- RPS/RDT/RCS
Power Panel Components Until 3/05, Continued

Sch Sym	Part Description	Part Number	Unit Size																
			080			090			105		115			125			135		
			208/230V	460/380V	575V	208/230V	460/380V	575V	208/230V	460/380V	575V	208/230V	460/380V	575V	208/230V	460/380V	575V	208/230V	460/380V
	RCS Units Compressors # 1 & 2 Fuse Blocks & Fuses¹																		
FB1, 2	Fuse Block- Compressor 100A/250V	023780213							2										
	Fuse Block- Compressor 200A/250V	023780218	2			2					2			2			2		
	Fuse Block- Compressor 60A/600V	023780210							2	2			2			2			
	Fuse Block- Compressor 100A/600V	023780212		2	2		2	2				2			2			2	2
	Fuse- FB1 OR FB2	025860518						6											
	Fuse- FB1 OR FB2	025860521									6			6					
	Fuse- FB1 OR FB2	025860522	6														6		
	Fuse- FB1 OR FB2	025860523				6													
	Fuse- FB1 OR FB2	025860413								6			6			6			
	Fuse- FB1 OR FB2	025860414								6									
	Fuse- FB1 OR FB2	025860415			6													6	
	Fuse- FB1 OR FB2	025860416					6					6			6				
	Fuse- FB1 OR FB2	025860417		6									6					6	
	Fuse- FB1 OR FB2	025860418					6												
	RPS/RDT Units Compressors # 1 & 2 Fuse Blocks & Fuses¹																		
FB1, 2	Fuse Block- Compressor 100A/250V	023780210								2	2								
	Fuse Block- Compressor 100A/600V	023780212		2	2			2					2	2		2	2		2
	Fuse Block- Compressor 400A/250V	023780213						2											
	Fuse Block- Compressor 60A/600V	023780215					2												
	Fuse Block- Compressor 100A/600V	023780216				2													
	Fuse Block- Compressor 200A/600V	023780218	2									2			2			2	
	Fuse- FB1 OR FB2	025860518						2											
	Fuse- FB1 OR FB2	025860523	2									2			2			2	
	Fuse- FB1 OR FB2	025860524				2													
	Fuse- FB1 OR FB2	025860414								2									
	Fuse- FB1 OR FB2	025860415								2				2			2		
	Fuse- FB1 OR FB2	025860416			2														2
	Fuse- FB1 OR FB2	025860417						2					2			2			
	Fuse- FB1 OR FB2	025860418		2														2	
	Fuse- FB1 OR FB2	025860419					2												

¹ There is one Fuse Block PER compressor. On any given unit size the Fuse Block— FB1, FB2— is identical for each Compressor.

Section M- Condenser Section
Condenser Control Box
Condenser Control Box- RPS/RDT/RCS
Power Panel Components Until 3/05, Continued

Sch Sym	Part Description	Part Number	Unit Size								
			105			115			125		
			208/230V	460/380V	575V	208/230V	460/380V	575V	208/230V	460/380V	575V
	RCS Units										
	Compressors # 3 & 4										
	Fuse Blocks & Fuses ¹										
FB3, 4	Fuse Block- Compressor 100A/250V	023780213	2								
	Fuse Block- Compressor 200A/250V	023780218				2			2		2
	Fuse Block- Compressor 60A/600V	023780210		2	2		2				
	Fuse Block- Compressor 100A/600V	023780212				2			2	2	2
	Fuse- FB3 OR FB4	025860518	6								
	Fuse- FB3 OR FB4	025860521				6					
	Fuse- FB3 OR FB4	025860522						6		6	
	Fuse- FB3 OR FB4	025860413		6			6				
	Fuse- FB3 OR FB4	025860414		6							
	Fuse- FB3 OR FB4	025860415							6		6
	Fuse- FB3 OR FB4	025860416				6					
	Fuse- FB3 OR FB4	025860417						6		6	
	RPS/RDT Units										
	Compressors # 3 & 4										
	Fuse Blocks & Fuses ¹										
FB3, 4	Fuse Block- Compressor 100A/250V	023780210		2	2						
	Fuse Block- Compressor 100A/600V	023780212				2	2		2	2	2
	Fuse Block- Compressor 400A/250V	023780213	2								
	Fuse Block- Compressor 200A/600V	023780218				2			2		
	Fuse- FB3 OR FB4	025860518	6								
	Fuse- FB3 OR FB4	025860523				6		6		6	
	Fuse- FB3 OR FB4	025860414		6							
	Fuse- FB3 OR FB4	025860415		6			6				
	Fuse- FB3 OR FB4	025860416							6		6
	Fuse- FB3 OR FB4	025860417				6					
	Fuse- FB3 OR FB4	025860418						6		6	

¹ There is one fuse block PER compressor. On any given unit size the fuse block— FB3, FB4— is identical for each compressor.

Section M- Condenser Section

Condenser Control Box

Condenser Control Box- RPS/RDT/RCS

Power Panel Components Until 3/05, Continued

Compressor #1 Contactor- Semi Hermetic Compressors

Sch. Sym.	Part Desc.	Part Number	Unit Size																							
			080				090				105				115, 125				135							
			208V		230V		460/380V		575V		208V		230V		460/380V		575V		208V		230V		460/380V		575V	
			AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW
M1	Contactor	027514401														1										
	Contactor	027514402															1									
	Contactor	027514403					1																		1	
	Contactor	027514404						1				1	1	1	1	1	1						1		1	
	Contactor	027514405					1					1						1	1	1	1	1			1	
	Contactor	027514406	1	1	1	1	1				1	1	1						1	1	1	1	1			
	Contactor	027514407							1	1																
M5	Contactor	027514401															1									
	Contactor	027514402																1				1				
	Contactor	027514403					1																		1	
	Contactor	027514404						1				1	1	1	1	1						1			1	
	Contactor	027514405																1	1	1	1					
	Contactor	027514406	1	1	1	1					1	1												1	1	
	Contactor	027514407							1	1																

Compressor #2 Contactor- Semi Hermetic Compressors

Sch. Sym.	Part Desc.	Part Number	Unit Size																							
			080				090				105				115, 125				135							
			208V		230V		460/380V		575V		208V		230V		460/380V		575V		208V		230V		460/380V		575V	
			AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW
M2	Contactor	027514401														1										
	Contactor	027514402															1									
	Contactor	027514403					1																	1		
	Contactor	027514404						1				1	1	1	1	1	1						1		1	
	Contactor	027514405					1						1					1	1	1	1	1			1	
	Contactor	027514406	1	1	1	1	1				1	1	1						1	1	1	1		1	1	
	Contactor	027514407							1	1																
M6	Contactor	027514401														1										
	Contactor	027514402															1				1					
	Contactor	027514403					1																	1		
	Contactor	027514404						1				1	1	1	1	1						1			1	
	Contactor	027514405																1	1	1	1					
	Contactor	027514406	1	1	1	1					1	1							1	1	1	1		1	1	
	Contactor	027514407							1	1																

Section M- Condenser Section
Condenser Control Box
Condenser Control Box- RPS/RDT/RCS
Power Panel Components Until 3/05, Continued

Compressor #3 Contactor- Semi Hermetic Compressors

Sch. Sym.	Part Desc.	Part Number	Unit Size															
			105				115				125, 135							
			208V		230V		460/380V		575V		208V		230V		460/380V		575V	
			AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW
M3	Contactor	027514401					1											
	Contactor	027514402						1					1					
	Contactor	027514403															1	
	Contactor	027514404	1	1	1	1	1	1						1				1
	Contactor	027514405								1	1	1	1	1	1			1
	Contactor	027514406													1	1	1	1
M7	Contactor	027514401					1											
	Contactor	027514402						1					1					
	Contactor	027514403															1	
	Contactor	027514404	1	1	1	1								1				1
	Contactor	027514405								1	1	1	1					
	Contactor	027514406													1	1	1	1

Compressor #4 Contactor- Semi Hermetic Compressors

Sch. Sym.	Part Desc.	Part Number	Unit Size															
			105				115				125, 135							
			208V		230V		460/380V		575V		208V		230V		460/380V		575V	
			AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW	AL	PW
M4	Contactor	027514401					1											
	Contactor	027514402						1					1					
	Contactor	027514403															1	
	Contactor	027514404	1	1	1	1	1	1						1				1
	Contactor	027514405								1	1	1	1	1	1			1
	Contactor	027514406													1	1	1	1
M8	Contactor	027514401					1											
	Contactor	027514402						1					1					
	Contactor	027514403															1	
	Contactor	027514404	1	1	1	1								1				1
	Contactor	027514405								1	1	1	1					
	Contactor	027514406													1	1	1	1

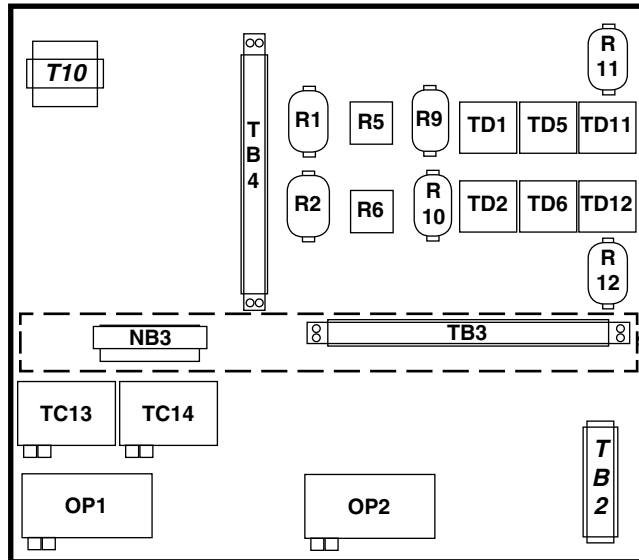
Section M- Condenser Section

Condenser Control Box- RPS/RDT/RCS

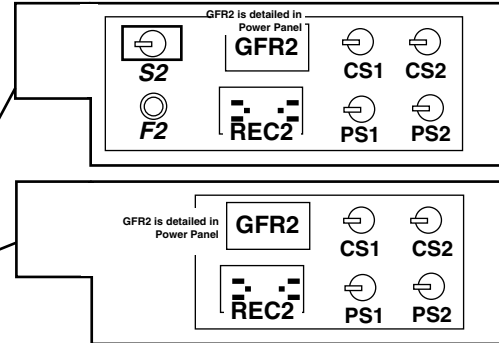
Control Panel Diagram & Components

Unit Sizes 080, 090 (2 compressor units)

MicroTech Controls (Code 12= 1M, 2M, 4M, 5M AND Code 08= P, F) Until 1/01
OR No Controls (Code 12= YM, YC AND Code 08= P) Until 3/05 ¹



Switch Bracket Detail



RCS
Units

RPS/
RDT
Units

¹ This date is approximate. If the unit was built between 10/04 and 3/05, check the GO to verify that Code 08= P, or a visual inspection is needed. If the unit is an RPS and the unit has a condenser control box then the above controls are used. RPS units built after 3/05 do not have a Condenser Control Box (all condenser controls are integrated into the Main Control Box).

Sch Sym	Part Description	Part Number	Unit Size	
			080	090
	Switches- Controls			
CS1, 2	Switch, Control	001355000	2	2
PS1, 2	Switch, Pumpdown- Circuit #2	001355000	2	2
S2	Switch- On/Off RCS	001355000	1	1
	Terminal Blocks- Control Panel			
TB2	Terminal Block- 24V Field RCS	022431209	1	1
TB3	Terminal Block- Field RCS	022431224	1	1
	Terminal Block- Field RPS/RDT	015998130	1	1
TB4	Terminal Block- Factory	015998124	1	1
NB3	Neutral Block 7 Pole	037530800	1	1
	Relays, Time Delays			
R1, R2	Relay- High Pressure Reset	032508101	2	2
R5, R6	Relay- Compressor Safety/Cool Fail	073340001	2	2
R9, 10	Relay- Compressor Lockout	032508101	2	2
R11, 12	Relay- Low Ambient	032508101	2	2
TD1, 2	Time Delay- Comp. Lockout— 300 sec. Until 12/98	028210108	2	2
	Time Delay- Comp. Lockout— 300 sec. 12/98 & Later	028210138	2	2
TD5, 6	Time Delay- Part Winding (Code 10= PW) 1 sec.	028210101	2	2
TD11, 12	Time Delay- Low Ambient 2.75 min.	032358500	2	2
	Transformer			
T10	Transformer- Speedtrol (C47= 2) RCS only until 5/02	046738109	1	1
	Transformer- Speedtrol (C47= 2) RCS only 5/02 & Later	060614101	1	1
	Temperature & Pressure Controls			
TC13, 14	Fantrol Control (Code 47= 1, 2) DPDT	065498401	2	2
OP1, 2	Oil Pressure Control	047357604	2	2
	Control Fuse & Receptacle			
F2	Fuse- Control Circuit RCS	025954700	1	1
	Holder- F2 RCS	018690600	1	1
REC2	Receptacle- GFI	039003600	1	1

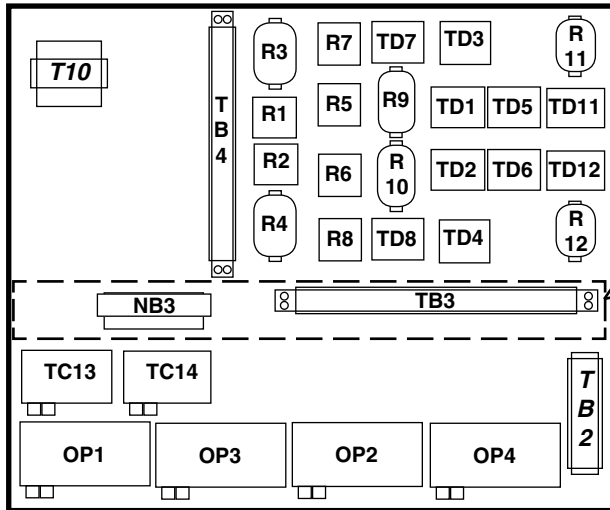
Section M- Condenser Section

Condenser Control Box- RPS/RDT/RCS

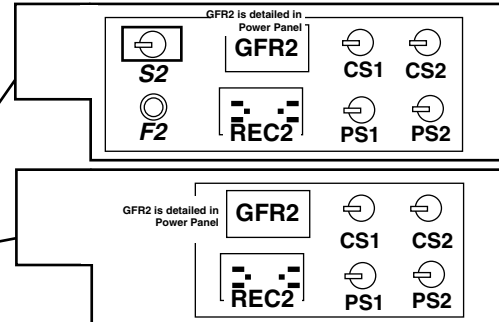
Control Panel Diagram & Components

Unit Sizes 105, 115, 125, 135 (4 compressor units)

MicroTech Controls (Code 12= 1M, 2M, 4M, 5M AND Code 08= P, F) Until 1/01
OR No Controls (Code 12= YM, YC AND Code 08= P, F) Until 3/05 ¹



Switch Bracket Detail



RCS
Units

RPS/
RDT
Units

¹ This date is approximate. If the unit was built between 10/04 and 3/05, check the GO to verify that Code 08= P, or a visual inspection is needed. If the unit is an RPS and the unit has a condenser control box then the above controls are used. RPS units built after 3/05 do not have a Condenser Control Box (all condenser controls are integrated into the Main Control Box).

Sch Sym	Part Description	Part Number	Unit Size			
			105	115	125	135
	Switches- Controls					
CS1, 2	Switch, Control	001355000	2	2	2	2
PS1, 2	Switch, Pumpdown- Circuit #2	001355000	2	2	2	2
S2	Switch- On/Off RCS	001355000	1	1	1	1
	Terminal Blocks- Control Panel					
TB2	Terminal Block- 24V Field RCS	022431209	1	1	1	1
TB3	Terminal Block- Field RCS	022431224	1	1	1	1
	Terminal Block- Field RPS/RDT	015998130	1	1	1	1
TB4	Terminal Block- Factory	015998124	1	1	1	1
NB3	Neutral Block 7 Pole	037530800	1	1	1	1
	Relays, Time Delays					
R1, 2	Relay- High Pressure Reset	019643000	2	2	2	2
R3, 4	Relay- High Pressure Delay 1/02 & Later	032508101	2	2	2	2
R5, 6 ,7, 8	Relay- Compressor Safety/Cool Fail	047356603	4	4	4	4
R9, 10	Relay- Compressor Lockout	032508101	2	2	2	2
R11, 12	Relay- Low Ambient	032508101	2	2	2	2
TD1, 2	Time Delay- Comp. Lockout— 300 sec. Until 12/98	028210108	2	2	2	2
	Time Delay- Comp. Lockout— 300 sec. 12/98 & Later	028210138	2	2	2	2
TD3, 4	Time Delay- Hi Pressure 1/02 & Later	111056701	2	2	2	2
TD5, 6, 7, 8	Time Delay- Part Winding (Code 10= PW) 1 sec.	028210101	4	4	4	4
TD11, 12	Time Delay- Low Ambient 2.75 min.	032358500	2	2	2	2
	Transformer					
T10	Transformer- Speedtrol (C47= 2) RCS only Until 5/02	046738109	1	1	1	1
	Transformer- Speedtrol (C47= 2) RCS only 5/02 & Later	060614101	1	1	1	1
	Temperature & Pressure Controls					
TC13, 14	Fantrol Control (Code 47= 1, 2) DPDT	065498401	2	2	2	2
OP1, 2, 3, 4	Oil Pressure Control	047357604	4	4	4	4
	Control Fuse & Receptacle					
F2	Fuse- Control Circuit RCS	025954700	1	1	1	1
	Holder- F2 RCS	018690600	1	1	1	1
REC2	Receptacle- GFI	039003600	1	1	1	1

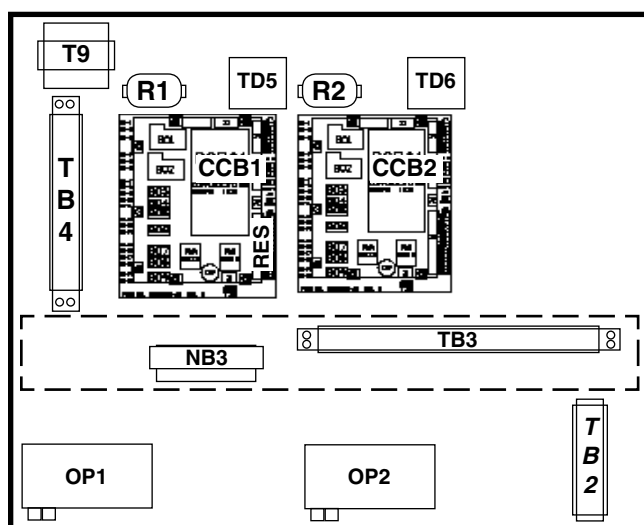
Section M- Condenser Section

Condenser Control Box- RPS/RDT/RCS

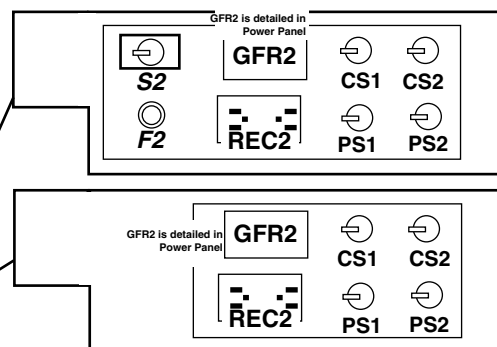
Control Panel Diagram & Components

Unit Sizes 080, 090 (2 compressor units)

MicroTech II Control Panel (Code 12= *D, *S AND Code 08= P, F) 1/01 thru 3/05 ¹



Switch Bracket Detail



RCS
Units

RPS/
RDT
Units

¹ This date is approximate. If the unit was built between 10/04 and 3/05, check the GO to verify that Code 08= P, F OR a visual inspection is needed. If the unit is an RPS and the unit has a Condenser Control Box then the above controls are used. RPS units built after 3/05 do not have a Condenser Control Box (all condenser controls are integrated into the Main Control Box).

Sch Sym	Part Description	Part Number	Unit Size	
			080	090
	Switches- Controls			
CS1, 2	Switch, Control	018446400	2	2
PS1, 2	Switch, Pumpdown- Circuit #2	001355000	2	2
S2	Switch- On/Off	RCS 001355000	1	1
	Terminal Blocks- Control Panel			
TB2	Terminal Block- 24V Field	RCS 022431209	1	1
TB3	Terminal Block- Field	RCS 022431230	1	1
	Terminal Block- Field	RPS/RDT 015998130	1	1
TB4	Terminal Block- Factory	RCS 015998109	1	1
	Terminal Block- Factory	RPS/RDT 015998114	1	1
NB3	Neutral Block	7 Pole 037530800	1	1
	Relays, Time Delays			
R1, 2	Relay- High Pressure Reset	032508101	2	2
TD5, 6	Time Delay- Part Winding (Code 10= PW)	1 sec. 028210101	2	2
	Transformer			
T9	Transformer- Control Board	120- 24V 060630801	1	1
	Pressure Controls			
OP1, 2	Oil Pressure Control	047357604	2	2
	Control Fuse & Receptacle			
F2	Fuse- Control Circuit	RCS 025954700	1	1
	Holder- F2	RCS 018690600	1	1
REC2	Receptacle- GFI	039003600	1	1
	Control Boards			
CCB1, 2	Compressor Controller	112026101	2	2
	Standoff- Compressor Controller	048166705	14	14
	Communication Board	060006202	2	2
	Standoff- Communication Board	048166707	8	8
RES	Resistor Assy- CCB1	060003901	1	1

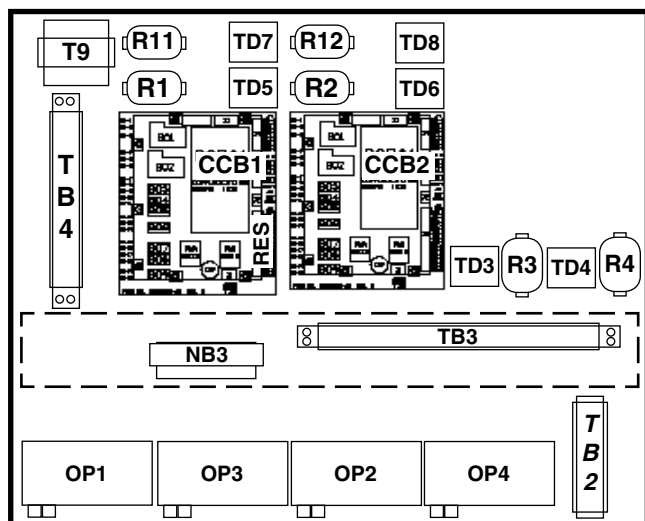
Section M- Condenser Section

Condenser Control Box- RPS/RDT/RCS

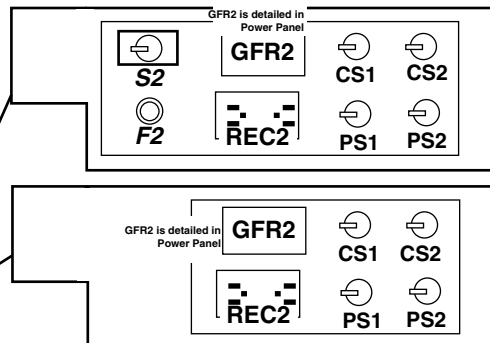
Control Panel Diagram & Components

Unit Sizes 105, 115, 125, 135 (4 compressor units)

MicroTech II Control Panel (Code 12= *D, *S AND Code 08= P, F) 1/01 thru 3/05 ¹



Switch Bracket Detail



RCS
Units

RPS/
RDT
Units

¹ This date is approximate. If the unit was built between 10/04 and 3/05, check the GO to verify that Code 08= P, F OR a visual inspection is needed. If the unit is an RPS and the unit has a Condenser Control Box then the above controls are used. RPS units built after 3/05 do not have a Condenser Control Box (all condenser controls are integrated into the Main Control Box).

Sch Sym	Part Description	Part Number	Unit Size			
			105	115	125	135
	Switches- Controls					
CS1, 2	Switch, Control	018446400	2	2	2	2
PS1, 2	Switch, Pumpdown- Circuit #2	001355000	2	2	2	2
S2	Switch- On/Off	RCS 001355000	1	1	1	1
	Terminal Blocks- Control Panel					
TB2	Terminal Block- 24V Field	RCS 022431209	1	1	1	1
TB3	Terminal Block- Field	RCS 022431230	1	1	1	1
	Terminal Block- Field	RPS/RDT 015998130	1	1	1	1
TB4	Terminal Block- Factory	RCS 015998109	1	1	1	1
	Terminal Block- Factory	RPS/RDT 015998114	1	1	1	1
NB3	Neutral Block	7 Pole 037530800	1	1	1	1
	Relays, Time Delays					
R1, 2	Relay- High Pressure Reset	032508101	2	2	2	2
R3, 4	Relay- High Pressure Delay	1/02 & Later 032508101	2	2	2	2
R11, 12	Relay- Low Ambient	1/02 & Later 032508101	2	2	2	2
TD3, 4	Time Delay- High Pressure	111056701	2	2	2	2
TD5, 6, 7, 8	Time Delay- Part Winding (Code 10= PW)	1 sec. 028210101	4	4	4	4
	Transformer					
T9	Transformer- Control Board	120- 24V 060630801	1	1	1	1
	Pressure Controls					
OP1, 2, 3, 4	Oil Pressure Control	047357604	2	2	2	2
	Control Fuse & Receptacle					
F2	Fuse- Control Circuit	RCS 025954700	1	1	1	1
	Holder- F2	RCS 018690600	1	1	1	1
REC2	Receptacle- GFI	039003600	1	1	1	1
	Control Boards					
CCB1, 2	Compressor Controller	112026101	2	2	2	2
	Standoff- Compressor Controller	048166705	14	14	14	14
	Communication Board	060006202	2	2	2	2
	Standoff- Communication Board	048166707	8	8	8	8
RES	Resistor Assy- CCB1	060003901	1	1	1	1

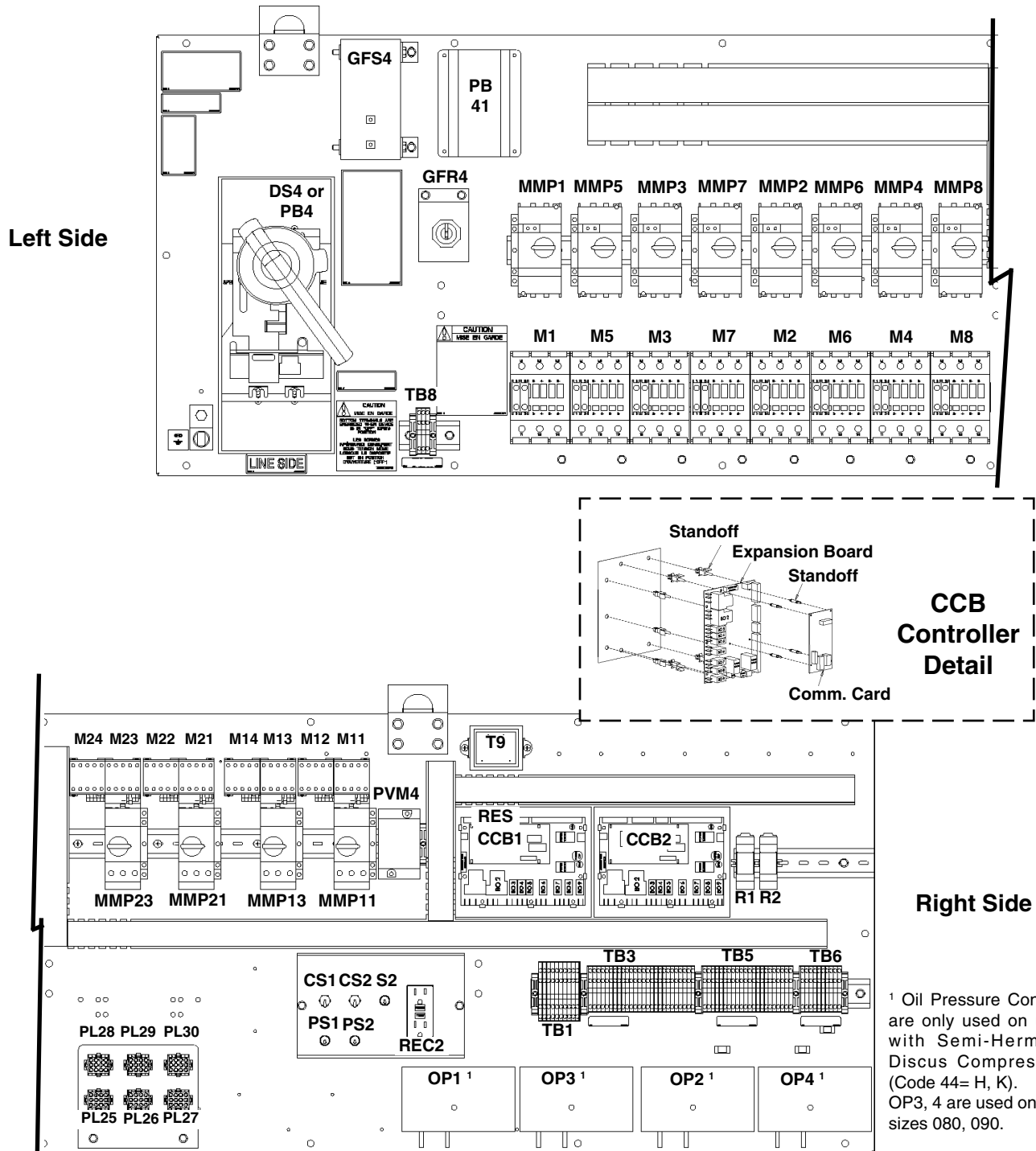
Section M- Condenser Section

Condenser Control Box (RCS Units Only)

MicroTech II OR No Controls 3/05 & Later

Diagrams

Condenser Control Box- With Factory Installed Controller:
Code 12= *D, *S (shown w/ Fantrol [Code 47=1])
Unit Size 135 Shown



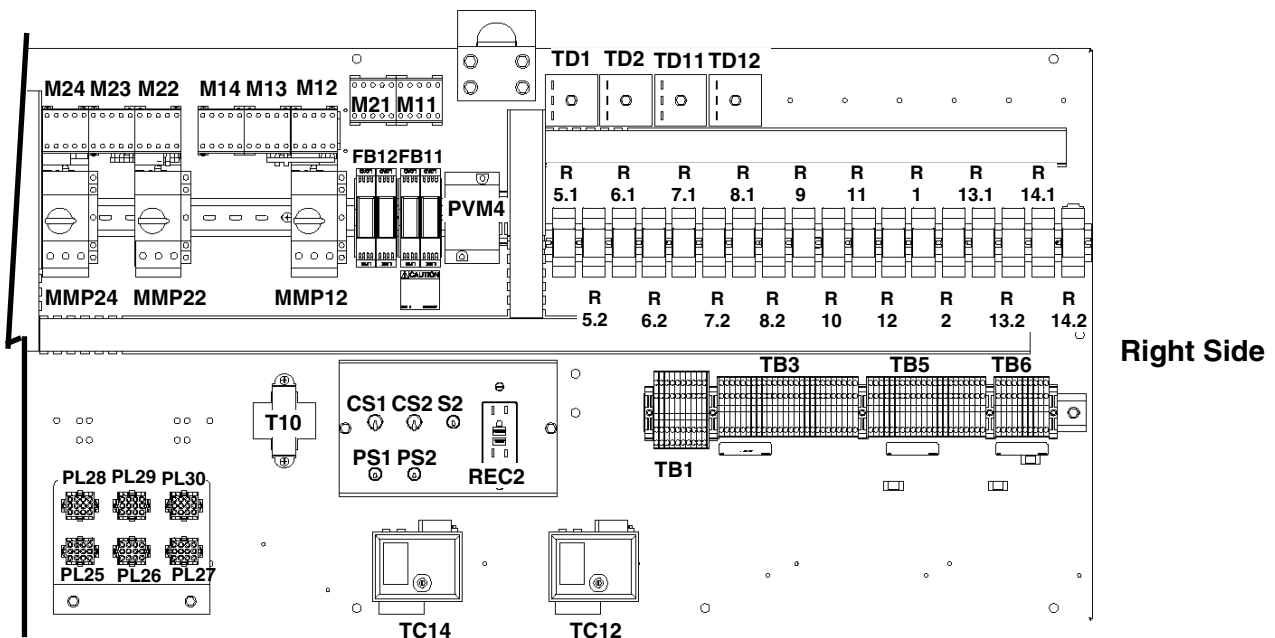
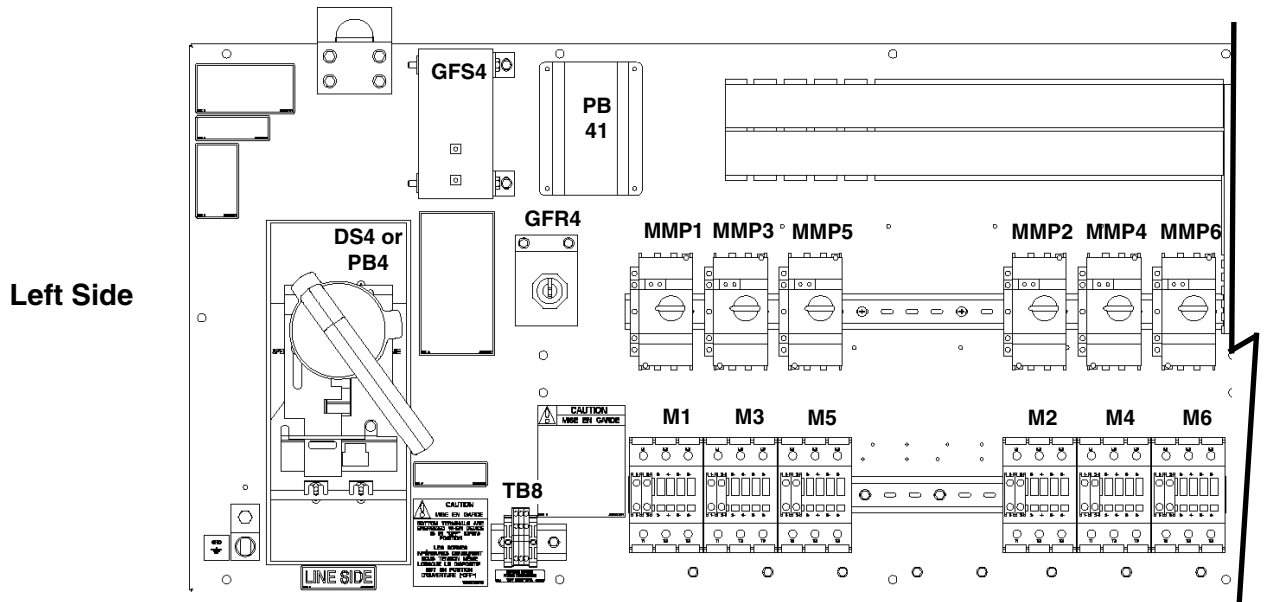
Section M- Condenser Section

Condenser Control Box (RCS Units Only)

MicroTech II OR No Controls 3/05 & Later

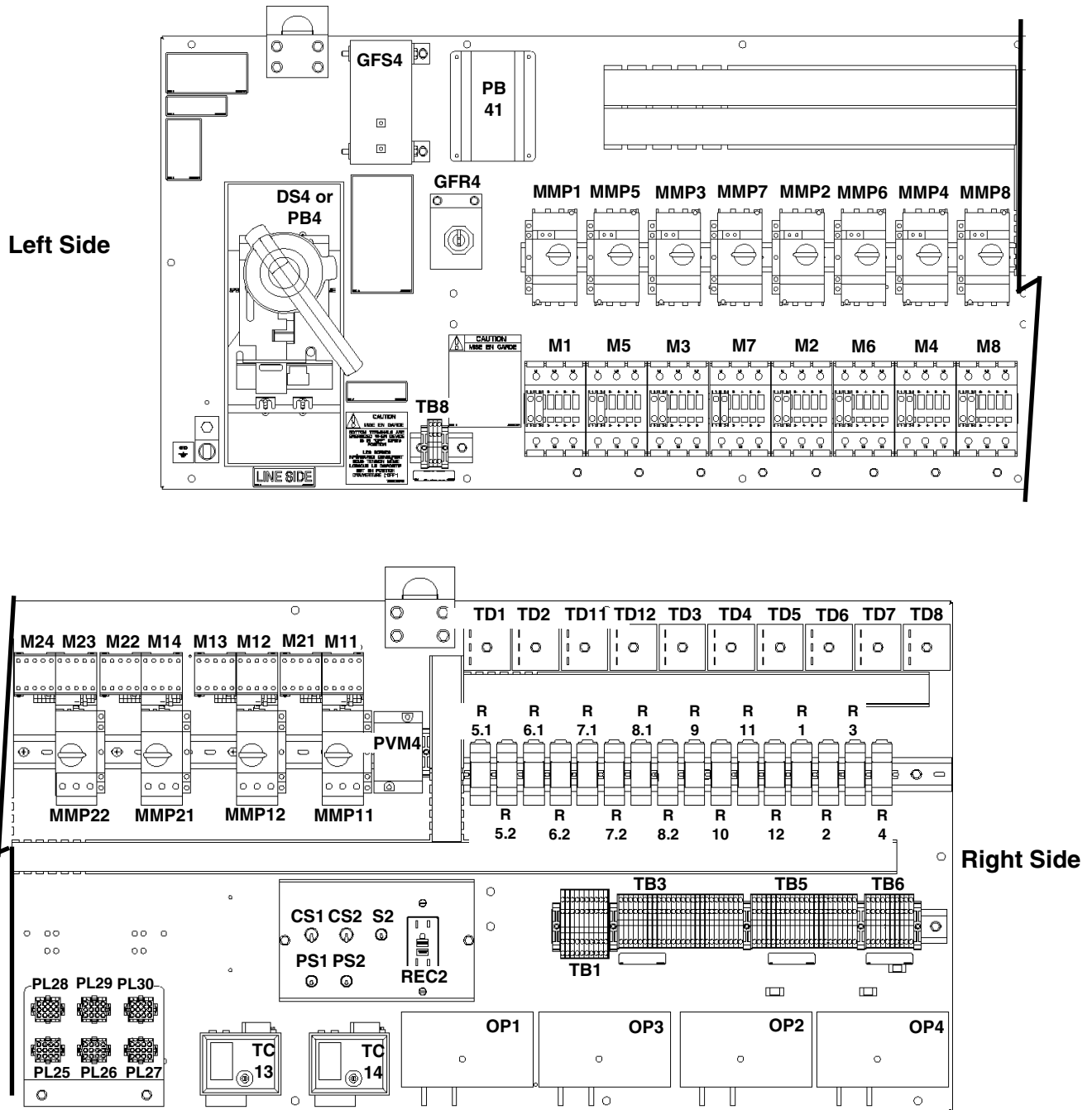
Diagrams, Continued

Condenser Control Box- With No Controller and Scroll Compressors:
Code 12= YM (208/230V shown w/ Speedtrol [Code 47=2])
Unit Size 105 Shown



Section M- Condenser Section **Condenser Control Box (RCS Units Only)** **MicroTech II OR No Controls 3/05 & Later** **Diagrams, Continued**

Condenser Control Box- With No Controller and Discus Compressors:
Code 12= YM (shown w/ Fanrol [Code 47=1])
Unit Size 135 Shown



Section M- Condenser Section

Condenser Control Box (RCS Units Only)

MicroTech II OR No Controls 3/05 & Later Components

Sch. Sym.	Part Description	Part Number	Unit Size					
			080	090	105	115	125	135
	Controller (Code 12= DS)							
CCB1, 2	Expansion Board- Compressor Controller	112026101	2	2	2	2	2	2
	Standoff- Expansion Board	048166705	14	14	14	14	14	14
	Comm. Card- Bacnet	060006202	2	2	2	2	2	2
	Standoff- Comm. Card	048166707	8	8	8	8	8	8
RES	Resistor- CCB1	060003901	1	1	1	1	1	1
	Switches- Control							
PS1, 2	Switch- Pumpdown	001355000	2	2	2	2	2	2
CS1, 2	Switch- Control							
	with factory controller (Code 12= DS)	018446400	2	2	2	2	2	2
	with no controller (Code 12= YM)	001355000	2	2	2	2	2	2
S2	Switch- System	001355000	1	1	1	1	1	1
	Receptacle							
REC2	Receptacle	039003100	1	1	1	1	1	1
	Time Delays							
TD1, 2	Time Delay, 300Sec.- Compressor Lockout	028210138	2	2	2	2	2	2
TD3, 4	Time Delay, 5 Sec.- High Pressure	111056701	2 ⁴	2 ⁴	2 ⁴	2 ⁴	2 ⁴	2 ⁴
TD5, 6, 7, 8	Time Delay, 1 Sec.- Part Winding	028210101	2 ⁴	2 ⁴	4 ⁴	4 ⁴	4 ⁴	4 ⁴
TD11, 12	Time Delay, 165 Sec.- Speedtrol	032358500	2	2	2	2	2	2
	Temp. Controls							
TC12	Temperature Control- Fantrol	065498401	1 ³	1 ³	1 ³			
TC13	Temperature Control- Fantrol	065498401	1 ⁴	1 ⁴	1 ⁴	1	1	1
TC14	Temperature Control- Fantrol	065498401	1	1	1	1	1	1
	Ground Fault Protection							
GFR4	Ground Fault Relay- SPDT	349937502	1	1	1	1	1	1
GFS4	Ground Fault Sensor	349937407	1	1	1	1	1	1
	Phase Voltage Monitor							
PVM4	Phase Voltage Monitor							
	208/230/460V Units	112022001	1	1	1	1	1	1
	575V Units	112022002	1	1	1	1	1	1
	Plugs							
PL25- 30	Plug- 12 Pin	349930405	1/comp	1/comp	1/comp	1/comp	1/comp	1/comp
	Transformers							
T9	Transformer, 24V- Refrigeration Circuit	349937201	1	1	1	1	1	1
T10	Transformer, 280/240-24V- Speedtrol/No Controls	349931703	1	1	1	1	1	1
	Contactors							
M1- 8	Contactor- Compressors	2						
M11- 24	Contactor- Fan Motors	2						
	Manual Motor Protector							
MMP1- 8	MMP- Compressors	2						
MMP11- 24	MMP- Fan Motors	2						
	Speedtrol Fuses and Parts							
FB11,12	Fuses- Speedtrol Fan	2						

¹ For units built between 10/06 & 12/06 contact Daikin Applied. For units built 1/07 & Later use p/n 349930621. PN is for one section.

² These components are installed in the RCS unit Condenser Control Box, OR the RPS/RDT unit Main Control Box. The Compressor and Condenser Fan Motor Contactors and MMP's and associated parts are detailed in the Main Control Box Section (Section N).

³ Scroll Compressor units only (Code 44= Z, T).

⁴ Discus Compressor units only (Code 44= H, K).

⁵ P/N 349931703 was used on units built before 12/08.

Section M- Condenser Section

Condenser Control Box (RCS Units Only)

MicroTech II OR No Controls 3/05 & Later

Components, Continued

Sch. Sym.	Part Description	Part Number	Unit Size					
			080	090	105	115	125	135
	Pressure Controls							
OP1, 2,3,4	Oil Pressure Controls	047357604	2 ³	2 ³	4 ³	4 ³	4 ³	4 ³
	Terminal Blocks							
TB1	Terminal Block	349930605 ¹	var.	var.	var.	var.	var.	var.
TB3,5,6,8	Terminal Block	349930603 ¹	var.	var.	var.	var.	var.	var.
	Relays, Time Delays, Temp. Controls Until 10/06 ²							
R1, 2	Relay- Hi Pressure Reset	349934704	2	2	2	2	2	2
R3, 4	Relay- Hi Pressure Delay	349934704				2	2	2
R5.1,5.2	Relay- Safety	349934704	2	2	2	2	2	2
R6.1,6.2	Relay- Safety	349934704	2	2	2	2	2	2
R7.1,7.2	Relay- Safety	349934704	2	2	2	2	2	2
R8.1,8.2	Relay- Safety	349934704	2	2	2	2	2	2
R9, 10	Relay- Compressor Lockout	349934704	2	2	2	2	2	2
R11, 12	Relay- Speedtrol Fan Cycling	349934704	2	2	2	2	2	2
R13.1,13.2	Relay- Safety	349934704	2	2	2			
R14.1,14.2	Relay- Safety	349934704	2	2	2			
	Relays, Time Delays, Temp. Controls 1/07 & Later ²							
R1, 2	Relay- Hi Pressure Reset	349934724	2	2	2	2	2	2
R3, 4	Relay- Hi Pressure Reset	349934724				2	2	2
R5.1,5.2	Relay- Safety	349934724	2	2	2	2	2	2
R6.1,6.2	Relay- Safety	349934724	2	2	2	2	2	2
R7.1,7.2	Relay- Safety	349934724	2	2	2	2	2	2
R8.1,8.2	Relay- Safety	349934724	2	2	2	2	2	2
R9, 10	Relay- Compressor Lockout	349934724	2	2	2	2	2	2
R11,12	Relay- Speedtrol Fan Cycling	349934724	2	2	2	2	2	2
R13.1,13.2	Relay- Safety	349934724	2	2	2			
R14.1,14.2	Relay- Safety	349934724	2	2	2			
	Disconnect Switch (Code 11= A2) Until 10/06 ²							
DS4	Switch- Disconnect 100A	349935101 ¹	1	1	1	1	1	1
	Handle- Disconnect	349935501	1	1	1	1	1	1
	Switch- Disconnect 150A	349935102 ¹	1	1	1	1	1	1
	Handle- Disconnect	349935501	1	1	1	1	1	1
	Switch- Disconnect 250A	349935201 ¹	1	1	1	1	1	1
	Handle- Disconnect	349935501	1	1	1	1	1	1
	Switch- Disconnect 400A	349935301 ¹	1	1	1	1	1	1
	Handle- Disconnect	349935602	1	1	1	1	1	1
	Switch- Disconnect 600A	349935302 ¹	1	1	1	1	1	1
	Handle- Disconnect	349935602	1	1	1	1	1	1
PB41	Power Block- Distribution (used with DS4) 175A	030372730 ¹	1	1	1	1	1	1
	Power Block- Distribution (used with DS4) 310A	030372744 ¹	1	1	1	1	1	1
	Power Block- Distribution (used with DS4) 420A	030372752 ¹	1	1	1	1	1	1

¹ Any of the listed parts may be used, depending on unit options. Check installed part to verify, or contact Daikin Applied with unit serial and/or GO number to ensure correct replacement is selected.

² For units built between 10/06 & 12/06 Contact Daikin Applied.

³ Discus Compressor units only (Code 44= H, K).

Section M- Condenser Section

Condenser Control Box (RCS Units Only)

MicroTech II OR No Controls 3/05 & Later

Components, Continued

Sch. Sym.	Part Description	Part Number	Unit Size					
			080	090	105	115	125	135
	Disconnect (Code 11= A2) 1/07 & Later ²							
DS4	Switch- Disconnect 100A	349935125 ¹						
	Handle- Disconnect	349935521	1	1	1	1	1	1
	Shaft Mod	349962208	1	1	1	1	1	1
	Lug- Ground	349938001	1	1	1	1	1	1
	Switch- Disconnect 150A	349935126 ¹						
	Handle- Disconnect	349935532	1	1	1	1	1	1
	Shaft Mod	349962209	1	1	1	1	1	1
	Lug- Ground	349938001	1	1	1	1	1	1
	Switch- Disconnect 250A	349935226 ¹						
	Handle- Disconnect	349935532	1	1	1	1	1	1
	Shaft Mod	349962209	1	1	1	1	1	1
	Lug- Ground	349938001	1	1	1	1	1	1
	Switch- Disconnect 400A	349935325 ¹						
	Handle- Disconnect	349935621	1	1	1	1	1	1
	Shaft Mod	349962210	1	1	1	1	1	1
	Lug- Ground	349938002	1	1	1	1	1	1
	Switch- Disconnect ³ 600A	193438002 ¹						
	Handle- Disconnect ³	193437901	1	1	1	1	1	1
	Shaft Mod ³	349962241	1	1	1	1	1	1
	Lug- Ground	349938002	1	1	1	1	1	1
PB41	Power Block- Distribution (used with DS4)							
	100A- 400A DS4	030372785 ¹	1	1	1	1	1	1
	600A DS4	030372786 ¹	1	1	1	1	1	1
	Power Block- Main (Code 11= P1) Until 10/06 ²							
PB4	Power Block 175A	030372749 ¹	1	1	1	1	1	1
	Cover- Power Block	349938302	1	1	1	1	1	1
	Power Block 310A	030372749 ¹	1	1	1	1	1	1
	Cover- Power Block	349938302	1	1	1	1	1	1
	Power Block 420A	030372752 ¹	1	1	1	1	1	1
	Cover- Power Block	349938302	1	1	1	1	1	1
	Power Block 760A	030372728 ¹	1	1	1	1	1	1
	Cover- Power Block	349938303	1	1	1	1	1	1
	Power Block- Main (Code 11= P1) 1/07 & Later ²							
PB4	Power Block 175A, 310A, 420A	030372785 ¹	1	1	1	1	1	1
	Power Block 760A	030372721 ¹	1	1	1	1	1	1
	Cover- Power Block 760A only	349938345	1	1	1	1	1	1

¹ Any of the listed parts may be used, depending on unit options. Check installed part to verify, or contact Daikin Applied with unit serial and/or GO number to ensure correct replacement is selected. Handles include Operating Mechanism.

² For units built between 10/06 & 12/06 Contact Daikin Applied.

³ Note that the original Disconnect is obsolete. Due to dimensional differences minor field modifications may be required for proper installation.

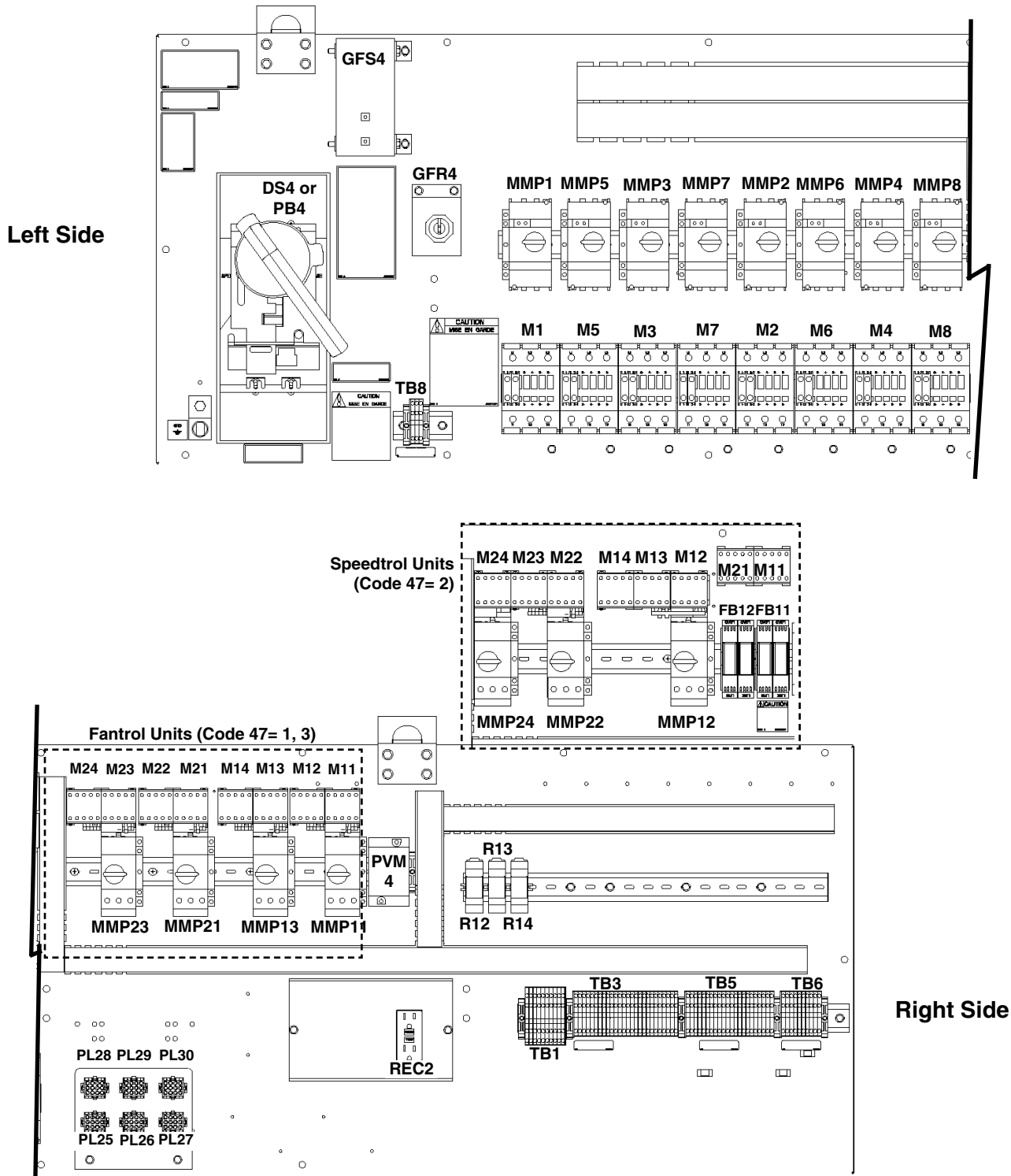
Section M- Condenser Section

Condenser Control Box (RCS Units Only)

MicroTech III Controls 9/08 & Later

Diagram

Condenser Control Box- Unit Size 135 Shown



Section M- Condenser Section

Condenser Control Box (RCS Units Only)

MicroTech III Controls 9/08 & Later

Components

Sch. Sym.	Part Description	Part Number	Unit Size					
			080	090	105	115	125	135
	Relays							
R12	Relay- Condenser Fans Fans 12 & 22	349934724	1	1	1	1	1	1
R13	Relay- Condenser Fans Fans 13 & 23	349934724	1	1	1	1	1	1
R14	Relay- Condenser Fans Fans 14 & 24	349934724	1	1	1	1	1	1
	Receptacle							
REC2	Receptacle	039003600	1	1	1	1	1	1
	Ground Fault Protection							
GFR4	Ground Fault Relay- SPDT	349937502	1	1	1	1	1	1
GFS4	Ground Fault Sensor	349937407	1	1	1	1	1	1
	Phase Voltage Monitor							
PVM4	Phase Voltage Monitor							
	208/230/460V Units	112022001	1	1	1	1	1	1
	575V Units	112022002	1	1	1	1	1	1
	Power Block- Main (Code 11= P1)							
PB4	Power Block 175A, 310A, 420A	030372785 ¹	1	1	1	1	1	1
	Power Block 760A	030372721 ¹	1	1	1	1	1	1
	Cover- Power Block 760A only	349938345	1	1	1	1	1	1
	Disconnect (Code 11= A2)							
DS4	Switch- Disconnect 100A	349935125 ¹						
	Handle- Disconnect	349935521	1	1	1	1	1	1
	Shaft Mod	349962208	1	1	1	1	1	1
	Lug- Ground	349938001	1	1	1	1	1	1
	Switch- Disconnect 150A	349935126 ¹						
	Handle- Disconnect	349935532	1	1	1	1	1	1
	Shaft Mod	349962209	1	1	1	1	1	1
	Lug- Ground	349938001	1	1	1	1	1	1
	Switch- Disconnect 250A	349935226 ¹						
	Handle- Disconnect	349935532	1	1	1	1	1	1
	Shaft Mod	349962209	1	1	1	1	1	1
	Lug- Ground	349938001	1	1	1	1	1	1
	Switch- Disconnect 400A	349935325 ¹						
	Handle- Disconnect	349935621	1	1	1	1	1	1
	Shaft Mod	349962210	1	1	1	1	1	1
	Lug- Ground	349938002	1	1	1	1	1	1
	Switch- Disconnect ² 600A	193438002 ^{1,2}						
	Handle- Disconnect ²	193437901	1	1	1	1	1	
	Shaft Mod ²	349962241	1	1	1	1	1	
	Lug- Ground	349938002	1	1	1	1	1	

¹ Any of the listed parts may be used, depending on unit options. Check installed part to verify, or contact Daikin Applied with unit serial and/or GO number to ensure correct replacement is selected. Handles include Operating Mechanism.

² Note that the original Disconnect is obsolete. Due to dimensional differences minor field modifications may be required for proper installation.

Section M- Condenser Section

Condenser Control Box (RCS Units Only)

MicroTech III Controls 9/08 & Later

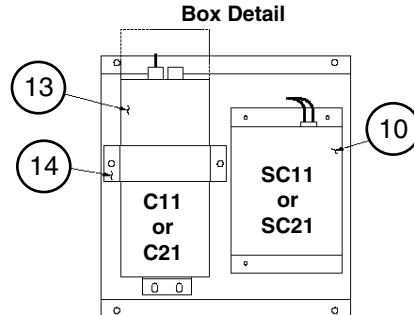
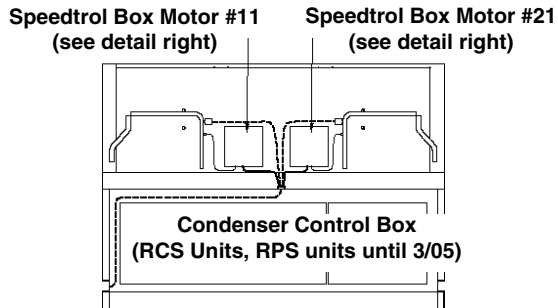
Components, Continued

Sch. Sym.	Part Description	Part Number	Unit Size					
			080	090	105	115	125	135
	Terminal Blocks							
TB1- 8	Terminal Block	349930641 ¹	var.	var.	var.	var.	var.	var.
	Plugs							
PL25- 30	Plug- 12 Pin	349930405	1/comp	1/comp	1/comp	1/comp	1/comp	1/comp
	Contactors							
M1- 8	Contactor- Compressors	²						
M11- 24	Contactor- Fan Motors	²						
	Manual Motor Protector							
MMP1- 8	MMP- Compressors	²						
MMP11- 24	MMP- Fan Motors	²						
	Speedtrol Fuses and Parts							
FB11, 12	Fuses- Speedtrol Fan	²						

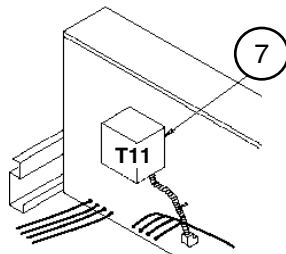
¹ Part number is for one section. Quantity varies with unit options.

² These components are installed in the RCS unit Condenser Control Box, or the RPS/RDT unit Main Control Box. The Compressor and Condenser Fan Motor Contactors and MMP's and associated parts are detailed in the Main Control Box Section (Section N).

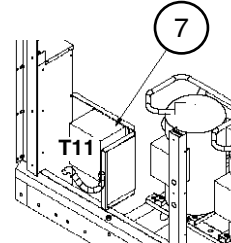
Section M- Condenser Section **Speedtrol Control Box and Transformer** **RPS/RDT/RCS**



Speedtrol Transformer- RCS Units



Speedtrol Transformer- RPS Units
(080- 105 shown)



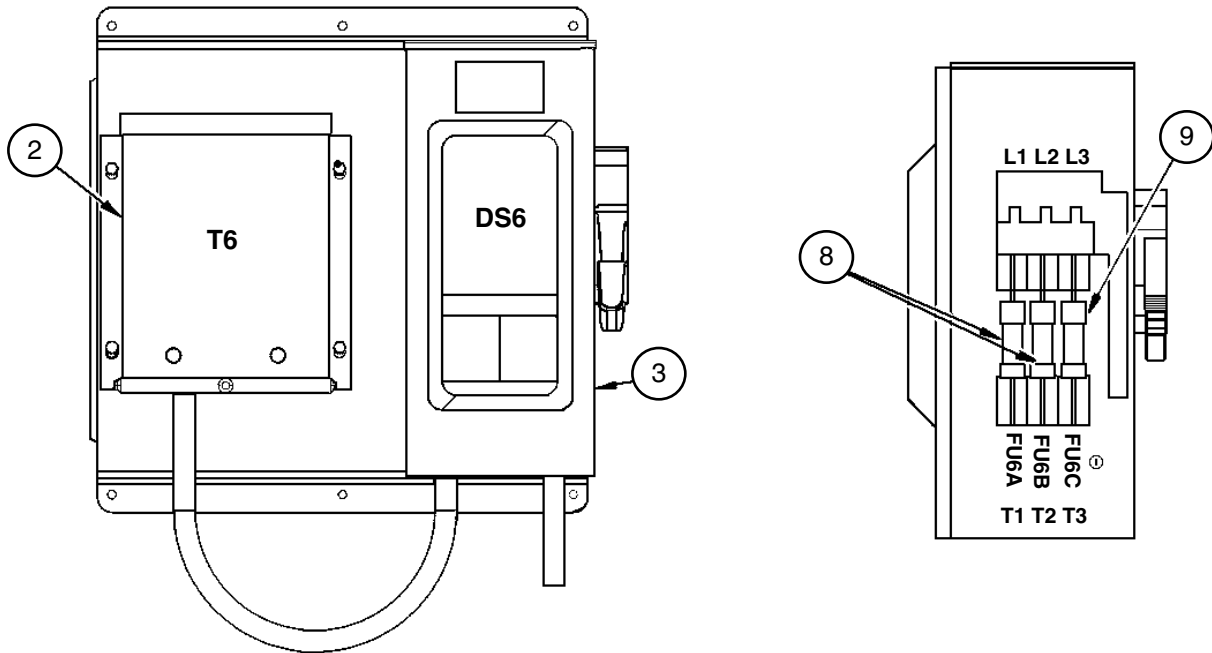
Ref No	Sch Sym	Part Description	Part Number	208V	230V	380V	460V	575V
7	T11	Transformer- Speedtrol	037533625			1		
		Transformer- Speedtrol	037533605				1	
		Transformer- Speedtrol	037533619					1
10	SC11, 21	Control, Pressure- Speedtrol 7/03 & Later	048445211	2	2		2	2
		Control, Pressure- Speedtrol Until 7/03	048445202	2	2		2	2
		Control, Pressure- Speedtrol	048445203			2		
13	C11, 21	Capacitor, Run- Speedtrol 30MFD/440V	037516429	2	2	2	2	2
14		Strap- Capacitor	028765100	2	2	2	2	2

Section M- Condenser Section

Factory Supplied Line Voltage Box- Code 18= U***, V***

(Powers Receptacle and Lights)

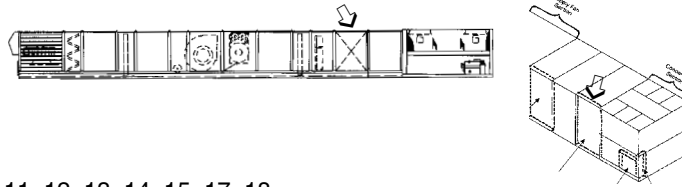
T6, DS6, FU6A, FU6B, FU6C



Ref No	Sch Sym	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
2	T6	Transformer 2KVA	349987001	1			
		Transformer 2KVA	349987002		1	1	
		Transformer 2KVA	349987003			1	
3	DS6	Disconnect Switch 30A/600V	349991901	1	1	1	1
8	FU6A,B	Fuse 20A/600V	193403711	2	2		
	FU6A,B	Fuse 10A/600V	193403708		2		
	FU6A,B	Fuse 8A/600V	193403707			2	
9	FU6C	Fuse 20A/600V	193403711	1	1	1	1

Section N- Main Control Box

Notes



Primary Codes that pertain: 08, 09, 10, 11, 12, 13, 14, 15, 17, 18
 Additional Codes that pertain: 04, 19, 20, 22, 27, 32, 34, 35, 40, 44, 47

The Main Control Box applies to the RPS, RFS, and RDT. The RCS has its own Controls that are detailed in Section M.

There have been five generations of Main Control Boxes offered:

1. Original MicroTech Controls (Code 08= P, S AND Code 12= 1M, 2M, 4M, 5M) were used until 12/2000. This panel had a Main Processor (MCB) and a Keypad mounted on the Deadfront Door Assembly, an Output Board with a varying (depending upon unit options) number of relays, and an ADI (Analog/Digital Interface) OR Daughter board mounted in the Control Panel. This two control panel design housed the Condenser controls in a separate Condenser Control Box.
2. The MicroTech II Control Box (Code 08= P, S AND Code 12= *D, *S) was introduced January, 2001. This MicroTech II box had the Main Processor (MCB) mounted in the Control Panel with the Keypad mounted in the Deadfront Door.
 NOTE: The Power Panel components for both of the above were the same, and in the case of the RPS, units with either of these Main Boxes still had a separate Condenser Control Panel.
3. A redesigned MicroTech II Control Box (Code 08= D, F AND Code 12= *D, *S) was offered beginning in October of 2004 and was used exclusively after March, 2005. There is a MCB as well as two Compressor Control Boards (CCB1 & CCB2) in the Control Panel. The new panel incorporates the Condenser Section controls as well. Consequently, RPS and RDT units no longer have a separate Condenser Control Box. This design was offered until the end of 2006.
4. Starting in 10/06, and used exclusively after 01/2007, a change was made to the MicroTech II Control Box that changed the vendor for Contactors, Motor Protectors, Relays, etc. Note that components and component accessories such as Auxiliaries, Links, etc. are NOT interchangeable with the previous design. MicroTech II controls were offered until the end of 2008.
5. The MicroTech III Control Box (Code 12= *E, *F) was offered beginning in 11/2008. There is an MCB as well as separate Expansion Boards/Modules. The Power Panel components are the same as the later MicroTech II design.

Units may also have no unit controls (Code 12= YM, YC) in which case the Main Control Box has no MCB or Expansion Boards/Modules, but instead has a set of Relays.

Code 08 determines which generation of Control Box is installed- "P, F" is the original design (where the RPS condenser section has its own Control panel); "D, S" indicates the later single panel design Code 09 is the unit voltage and affects Transformers, Fan Overloads/MMPs, Contactors, Fuses, etc. Code 10 indicates whether the starting option is Across-the-Line or Part-Winding. Code 11 determines whether the main power connection is a Terminal Block or a through-the-door Disconnect Switch. Code 12 selects whether or not the unit has MicroTech controls or controls by others, the communication type, and the type of temperature control specified. Code 13 determines the presence of Duct Sensors, and associated Relays. Codes 14 and 15 determine presence of Supply and Return Fan Variable Inlet Vanes OR VFD/Inverter(s). Code 17 determines whether there is a PVM, GFR, and/or Line Reactor installed. Code 18 indicates whether a unit has a Keypad Display (remote or unit mounted), and/or if a Modem is present (original MicroTech).

Codes 19, 20, and 22 are return air codes, and impact several controls options. The presence of an OA hood, the horsepower of the Return Air Motor, etc. have an impact on Fan Overloads/MMPs, Contactors, Fuses, and duct sensors. Code 27 determines the draw through section, and can impact the Cooling Circuit Relays. Code 32 determines horsepower for the Supply Fan Motor which, like the Return Air Motor, have an impact on Contactors, Overloads/MMPs, Fuses, and Sensors.

Codes 04, 34, and 35 determine the Blow-Thru section, and the heat type, which will impact Transformers, Heat Circuit Relays, and Cooling Circuit Relays.

Code 40 determines if there is a VAV/Discharge Damper and associated Relay.

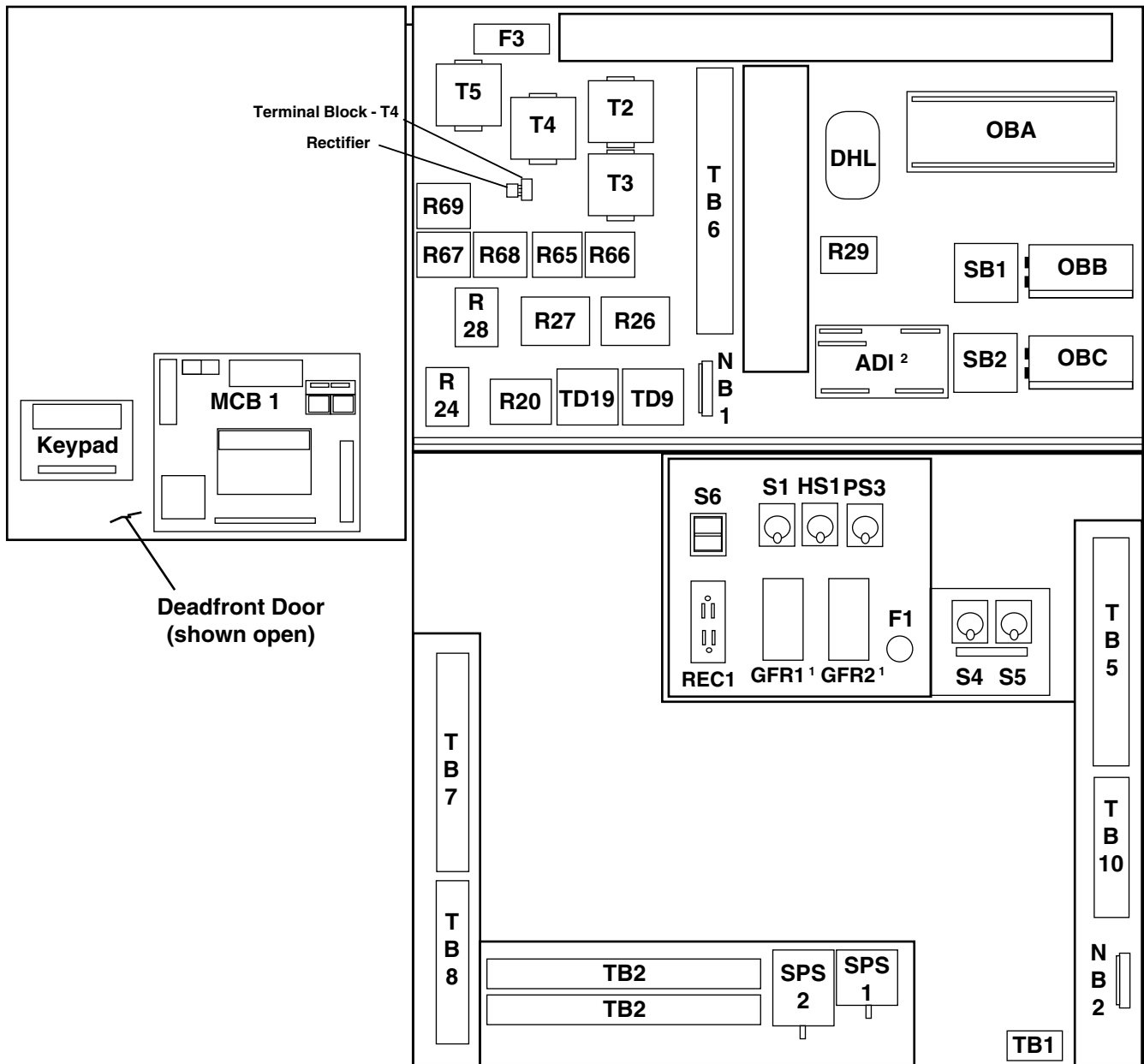
Code 44 determines whether the unit has Semi-hermetic (Discus) Compressors OR Scroll Compressors (which affect Power Panel components).

Code 47 determines if the unit has FanTrol OR SpeedTrol fan control which affects Condenser Fan fusing (MicroTech II AND III only).

Section N- Main Control Box

Control Panel- Units with MicroTech Controls (Code 12= 1M, 2M, 4M, 5M)— Until 1/01

Diagram



Remote Monitor Panel

Part Description	Part Number
Status Panel- Honeywell Model W950F Includes: - Switches: Fan On/Off & System Heat/Auto/Cool - 6 Lights, with 4 and 6 light cover plate (Does not include Economizer Minimum Position Potentiometer)	065491505 ³

¹ GFR1 & GFR2 are detailed with the GFS1, GFS2 in the Power Panel section.

² Early units had a Daughter Board (DB1).

³ Contact Daikin Applied to confirm availability.

Section N- Main Control Box

Control Panel- Units with MicroTech Controls (Code 12= 1M, 2M, 4M, 5M)— Until 1/01

Components

Sch. Sym.	Part Description	Part Number	Qty.
	Switches		
S1	Toggle Switch- Control: Units with Gas Heat (Code 04= A	018446400	1
	Toggle Switch- Control: Units without Gas Heat (Code 04= E, W, S, Y, X)	001355000	1
S4, 5	Toggle Switch- Inverters (Code 14= 1-9, X)	028798400	1
	Connector Bar- S4, S5	033250200	1
S6	Switch- VIV Units (Code 15= 2)	047357306	1
HS1	Switch- Electric Heat Shutdown (Code 04= E)	001355000	1
PS3	Toggle Switch- Unit Pumpdown	001355000	1
	Fusing		
F1	Fuse- Control Circuit- 15A/250V	025954700	1
	Fuse Holder for F1	018690600	1
F3	Fuse- 500- 1000 MBH Gas Heat Burner Motor	025860505	1
	Fuse- 1100- 2000 MBH Gas Heat Burner Motor	025860507	1
	Fuse Holder for F3	023780201	1
	Receptacle		
REC1	Receptacle- Standard, 1P/3W/15A	025283700	1
	Receptacle- Duplex Feed thru GF1, 2P/3W/15A	039003100	1
	Receptacle- Duplex GF1, 2P/3W/15A	039003600	1
	Receptacle- Duplex Feed thru GF1, 2P/3W/20A	066402701	1
	Terminal Blocks		
TB1	Terminal Block- Service Receptacle Circuit, 115V Field, 3 Pole	022431203	1
TB2	Terminal Block- Field		
	Code 12= 2M, 4M, 5M- units with inverter (14 pole portion)	022431214	1
	Code 12= 2M, 4M, 5M- units with inverter (24 pole portion)	022431224	1
	Code 12= 1M- units with inverter	022431230	1
	Code 12= 2M, 4M, 5M- units with no inverters	022431230	2
	Code 12= 1M- units with no inverters (14 pole portion)	022431214	1
	Code 12= 1M- units with no inverters (24 pole portion)	022431224	1
TB5	Terminal Block- Control	015998130	1
TB6	Terminal Block- Control	015998120	1
TB7	Terminal Block- Factory	015998130	1
TB8	Terminal Block- Inverters	015998114	1
TB10	Terminal Block- Heating	015998109	1
NB1, 2	Neutral Block, 7 Pole	037530800	2
	Transformers		
T2	Transformer- Unit	060630801	1
T3	Transformer- Controller	046738114	1
T4	Transformer- Power Relief Dampers		
	Until 5/02	046738109	1
	5/02 & Later	060614101	1
	Rectifier- T4	111059401	1
	Terminal Block- T4 & Rectifier	065499806	1
T5	Transformer- Specials	060630801	1
	Time Delays		
TD9	Time Delay- Supply Fan PW	028210101	1
TD19	Time Delay- Supply Fan PW	028210101	1
	Relays		
R20	Relay- Gas Heat On/Off	019643000	1
R24	Relay- Gas Heat Alarm	032508101	1

Section N- Main Control Box

Control Panel- Units with MicroTech Controls

(Code 12= 1M, 2M, 4M, 5M)— Until 1/01

Components

Sch. Sym.	Part Description	Part Number	Qty.
	Relays, continued		
R26	Relay- Occupied/Unoccupied	019643000	1
R27	Relay- Powered Relief Dampers	019643000	1
R28	Relay- Isolation Damper	032508101	1
R29	Relay- Final Filter	026213000	1
R65	Relay- PW Fan	073340001	1
R66	Relay- PW Fan	073340001	1
R67	Relay- Supply Fan with inverter	019643000	1
R68	Relay- Return Fan with inverter	019643000	1
R69	Relay- Inverter with Bypass	032508101	1
	Relay- Inverter without Bypass	019643000	1
	Transducer and Pressure Controls		
SPS1	Sensor- Duct Static Pressure (Code 13= 1, 2, 3)	049545005	1
SPS2	Sensor- Duct Static Pressure (Code 13= 2)	049545005	1
	Sensor- Building Static Pressure (Code 13= 3, 4)	049545006	1
DHL	Switch- Duct Hi- Limit	065493801	1
	Fitting for DHL	049763002	1
	Main MicroTech Controller and Associated Boards		
MCB1	Microprocessor (must be programmed- requires unit GO or Serial No.)	065487306	1
	Fuse- MCB1	065822001	1
Keypad	Keypad/Display Assembly	065497201	1
	Ribbon Cable- MCB to Keypad	065499702	1
ADI	ADI Board ¹	065816005	1
OBA	Output Board- 16 position	066542201	1
	Ribbon Cable- MCB to OBA	049265204	1
OBB	Output Board- 4 position- Cooling	066542203	1 ³
OBB	Output Board- 8 position- Cooling	066542202	1 ⁴
OBC	Output Board- 8 position- Heating	066542202	1 ⁵
OB_ _	Output Board Relay		
	Positions OBA1- 8, OBA13- 16, OBB1- 8, OBC1- 8	049265601	2
	Positions OBA9- 12 no inverters (Code 14= Y)	049265601	2
	Positions OBA9- 12 units with inverters (Code 14= 1- 9, X)	049265603	2
SB1	Cooling Staging Board-		
	4, 6 stages cooling and no unloaders	065499001	1
	6 stages cooling and 2 unloaders per circuit	065499002	1
	4- 8 stages cooling and 1 unloader per circuit	065499003	1
SB2	Heating Staging Board- 4 to 8 stages of Heat	065499001	1 ⁵
	Room Sensors		
	Sensor #1- Standard VAV	066540401	1 ⁶
	Sensor #2- Enhanced VAV (includes tenant override)	066540402	1 ⁶
	Sensor #9- Standard CAV	066540409	1 ⁶
NS	Door Lock with key, Condenser Control Box	001157200	1
NS	Key only for Condenser Control Box Lock	021993200	1

¹ Units built prior to 1995 used a Daughter Board (DB1) p/n 049545501 (the DB1 fuse is p/n 065829601 and the ribbon cable from MCB to DB1 is p/n 049265103).

² Quantity varies depending on options.

³ Used on VAV units (Code 12= 2M, 4M) with 4 stages of cooling (Code 42= 4). CAV units (Code 12= 1M, 5M) units have all cooling control directly from MCB to OBA. Ribbon cable connecting OBB to SB1 is p/n 065499501.

⁴ Used on VAV units (Code 12= 1M, 4M) with 6 or 8 stages of cooling (Code 42= 6, 8). CAV units (Code 12= 1M, 5M) units have all cooling control directly from MCB to OBA. Ribbon cable connecting OBB to SB1 is p/n 065499501.

⁵ Used on CAV units (Code 12= 1M, 5M) with more than 4 stages of electrical heat. Ribbon cable connecting OBC to SB2 is p/n 065499501.

⁶ Prior to 1/92 use p/n 058899372 for VAV and p/n 065824701 for CAV.

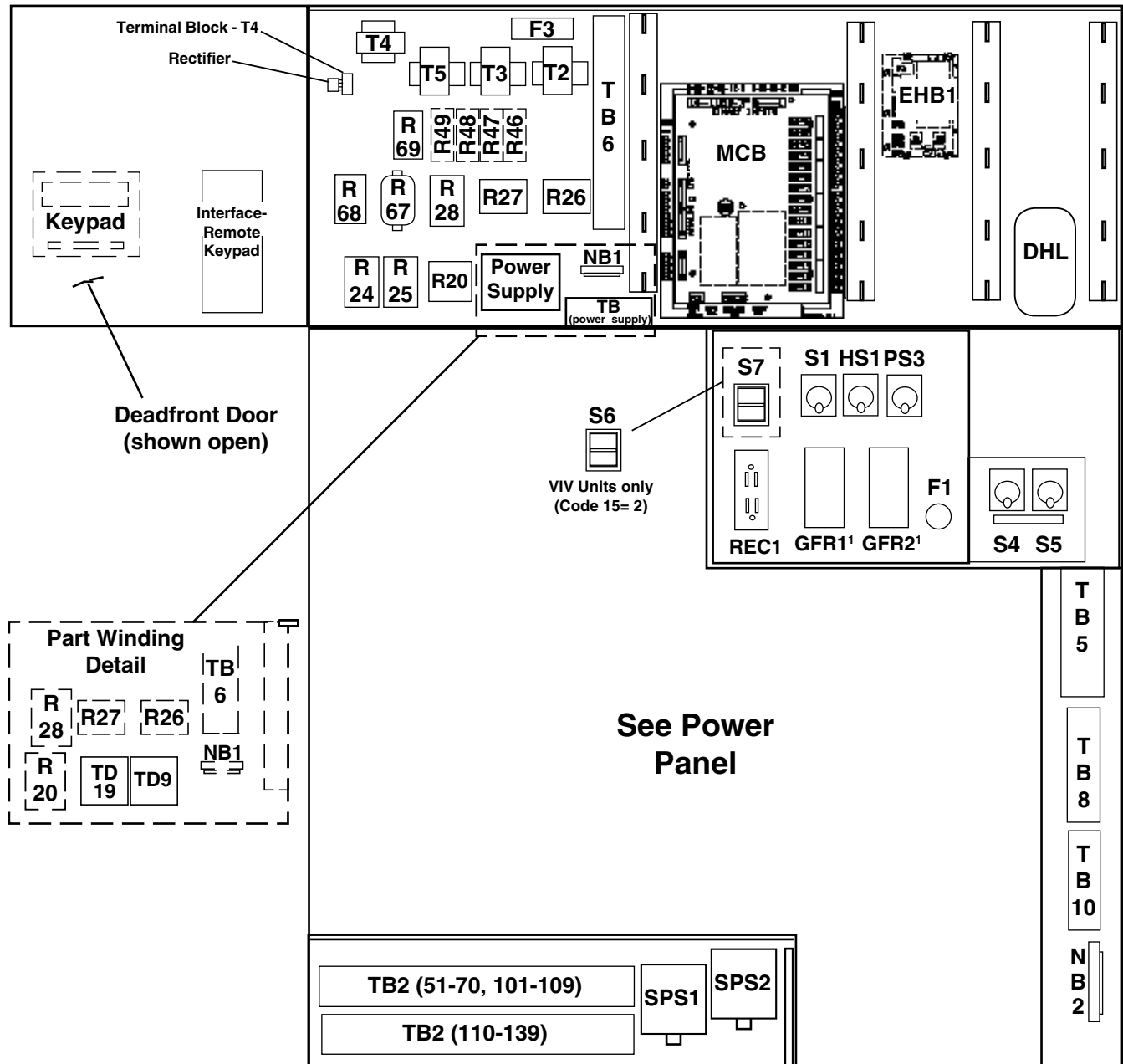
Section N- Main Control Box

Control Panel- Units with MicroTech II Controls

(Code 12= *D, *S)— 1/01 thru 3/05 ²

Diagrams

² Code 08= P, S. Between 10/04 and 3/05 either this Control Panel or the later design Control Panel (Code 08= D, F) could be installed. Check the GO or visually inspect the unit to verify which panel is installed.



¹ GFR1 & GFR2 are detailed with the GFS1, GFS2 in the power panel section.

Section N- Main Control Box

Control Panel- Units with MicroTech II Controls

(Code 12= *D, *S)— 1/01 thru 3/05 ⁵

Components

¹ Code 08= P, S. Between 10/04 and 3/05 either this Control Panel or the later design Control Panel (Code 08= D, F) could be installed. Check the GO or visually inspect the unit to verify which panel is installed.

Sch. Sym.	Part Description	Part Number	Qty.
	Switches		
S1	Toggle Switch- Control: Units with Gas Heat (Code 04= A)	018446400	1
	Toggle Switch- Control: Units without Gas Heat (Code 04= E, W, S, Y, X)	001355000	1
S4, S5	Toggle Switch- Inverters (Code 14= 1- 9, X)	028798400	2
	Connector Bar- Inverter on Supply and Return Air Fan (C14= 1- 9, X)	033250200	2
S6	Rocker Switch- VIV Units (Code 15= 2)	072402801	1
S7	Rocker Switch- On/Off	072402801	1
HS1	Electric Heat Shutdown Switch (Code 04= E)	001355000	1
PS3	Toggle Switch- Unit Pumpdown Switch	001355000	1
	Fusing		
F1	Fuseholder	018690600	1
	F1 Fuse- Control Circuit Fuse	025954700	1
F3	Fuse Block- Gas Heat Units	023780201	1
	Fuse, Gas Heat Units: 500- 1000 MBH furnaces	025860505	1
	Fuse, Gas Heat Units: 1100- 2000 MBH furnaces	025860507	1
	Receptacle		
REC1	Receptacle- GFI		
	Until 1/03	039003100	1
	1/03 & Later	039003600	1
	Receptacle- Std. 15A	025283700	1
	Terminal Blocks		
TB1	Terminal Block- Receptacle- 3 Terminals (not shown on diagram)	022431203	1
TB2	Terminal Block- 30 Terminals	022431230	2
TB5	Terminal Block, 24 Terminals- RPS, RDT Units	015998124	1
	Terminal Block, 24 Terminals- RFS Units	022431224	1
TB6	Terminal Block- 24 Terminals		
	Until 6/01	015998120	1
	6/01 & Later	015998124	1
TB8	Terminal Block, 14 Terminals- Field Installed Inverters only (Code 15= F)	022431214	1
TB10	Terminal Block- 12 Terminals- Electric or Gas Heat (Code 04= E, A)	015998112	1
	Terminal Block- 12 Terminals- Hot Water, Steam, No Heat (C04= W, S,Y)	022431212	1
NB1, 2	Terminal Block- Neutral Block	037530800	2
	Transformers		
T2, T3	Transformer- Control Circuit	060004601	1
T4	Transformer- Power Exhaust	060614101	1
	Terminal Block- T4 Transformer	065499806	1
	Rectifier- T4 Transformer Terminal Block	111059401	1
T5	Transformer- Specials	060630801	1
	Time Delays		
TD9	Time Delay- Part Winding Supply Fan	026213000	1
TD19	Time Delay- Part Winding Return Fan	026213000	1
	Relays		
R20	Relay- Gas Steam, Hot Water Heat (Code 04= W, S, A)	026213000	1
R24	Relay- Gas Heat	032508101	1
R25	Relay, Gas Heat- Units With Inverters (Code 14= 1-9, X)	032508101	1
R26	Relay- Iso Damper	073305401	1
R27	Relay- Powered Relief Damper	073305401	1
R28	Relay- Isolation Damper (Code 40= BE OR Code 19= BE)	026213000	1

Section N- Main Control Box

Control Panel- Units with MicroTech II Controls

(Code 12= *D, *S)— 1/01 thru 3/05 ⁵

Components, Continued

⁵ Code 08= P, S. Between 10/04 and 3/05 either this Control Panel or the later design Control Panel (Code 08= D, F) could be installed. Check the GO or visually inspect the unit to verify which panel is installed.

Sch. Sym.	Part Description	Part Number	Qty.
	Relays, Continued		
R46, 47	Relay- Supply Fan	072789226 ¹	1
R48, 49	Relay- Exhaust Fan Inverter	072789226 ¹	1
R67	Relay, Control- units with Inverters (Code 14= 1- 9, X)	073305401	1
	Relay, Control- units without Inverters (Code 14= Y)	026213000	1
R68	Relay- Return Fan w/ Inverter or Exhaust Fan	073305401	1
	Relay- Return Fan without Inverter	026213000	1
R69	Relay- Inverters w/ bypass (Code 14= 1, 2, 3, 4, 5)	032508101	1
	Main MicroTech Controller and Associated Boards		
MCB	Main Controller- Must be programmed (unit GO# required)	060006101	1
	Com Card- Bacnet (Code 12= B*)	060006202	1
	Com Card- Bacnet with Ethernet (Code 12= E*)	060006201	1
	Com Card- LonMark with Space Control (Code 12= LS)	060006203	1
	Com Card- LonMark with Discharge Control (Code 12= LD)	060006204	1
	Standoff- Com Card	048166706	4
	Kit- Connector Repair	300036605	1
	Power Supply- 5 VDC	111049610	
	Serial Port Ribbon Cable	111047201	1
	Battery	049754501	1
EHB1	Electric Heat Board (Code 04= E)	112026101	1
	Standoff EHB1	048166705	7
	Communication Module	060006202	1
	Standoff- Comm Module	048166707	4
Keypad	Keypad Assy (Code 19= R, Y)	060006301	1
	Board- Remote Keypad Interface (Code 19= R)	112021601	1
	Cable- Keypad	111044601	1
	Transducers and Pressure Controls		
SPS1	Static Pressure Transducer- Duct (Code 13= 1, 2, 3)	049545007 ⁴	1
SPS2	Static Pressure Transducer- Duct (Code 13= 2)	049545007 ⁴	1
	Static Pressure Transducer- Building (Code 13= 3, 4)	049545006	1
DHL	Duct Hi-Limit Pressure Control	065493801	1
	Pressure Fitting- DHL	049763002	1
	Power Supply		
	Power Supply- Design Flow Units	111049610	1
	Terminal Block for Power Supply	065499809	1
	Sensors		
ZNT1	Sensor- Zone Temperature w/ Tenant Override ²	111048101	1
	Sensor- Zone Temp. w/ Tenant Override & Remote Setpoint Adjustment ^{2, 3}	111048102	1
DAT	Sensor- Discharge Air Temperature ²	060004705	1
ENT	Sensor- Entering Air Temperature ²	060004705	1
OAT	Sensor- Outside Air Temperature ²	060004705	1
RAT	Sensor- Return Air Temperature ²	060004705	1
	Door Lock with key, Condenser Control Box ²	001157200	1
	Key only for Condenser Control Box Lock ²	021993200	1

¹ Relay Assembly. Consists of: Relay- p/n 060017101; Socket Only- p/n 060016901; Clip Only- p/n 060017001.

² Not Shown on diagram.

³ SCC Units only- Code 12= BS, LS, ES, SS.

⁴ Prior to 8/02 the Duct Sensor was p/n 049545005. 049545007 is a direct replacement on MicroTech II units.

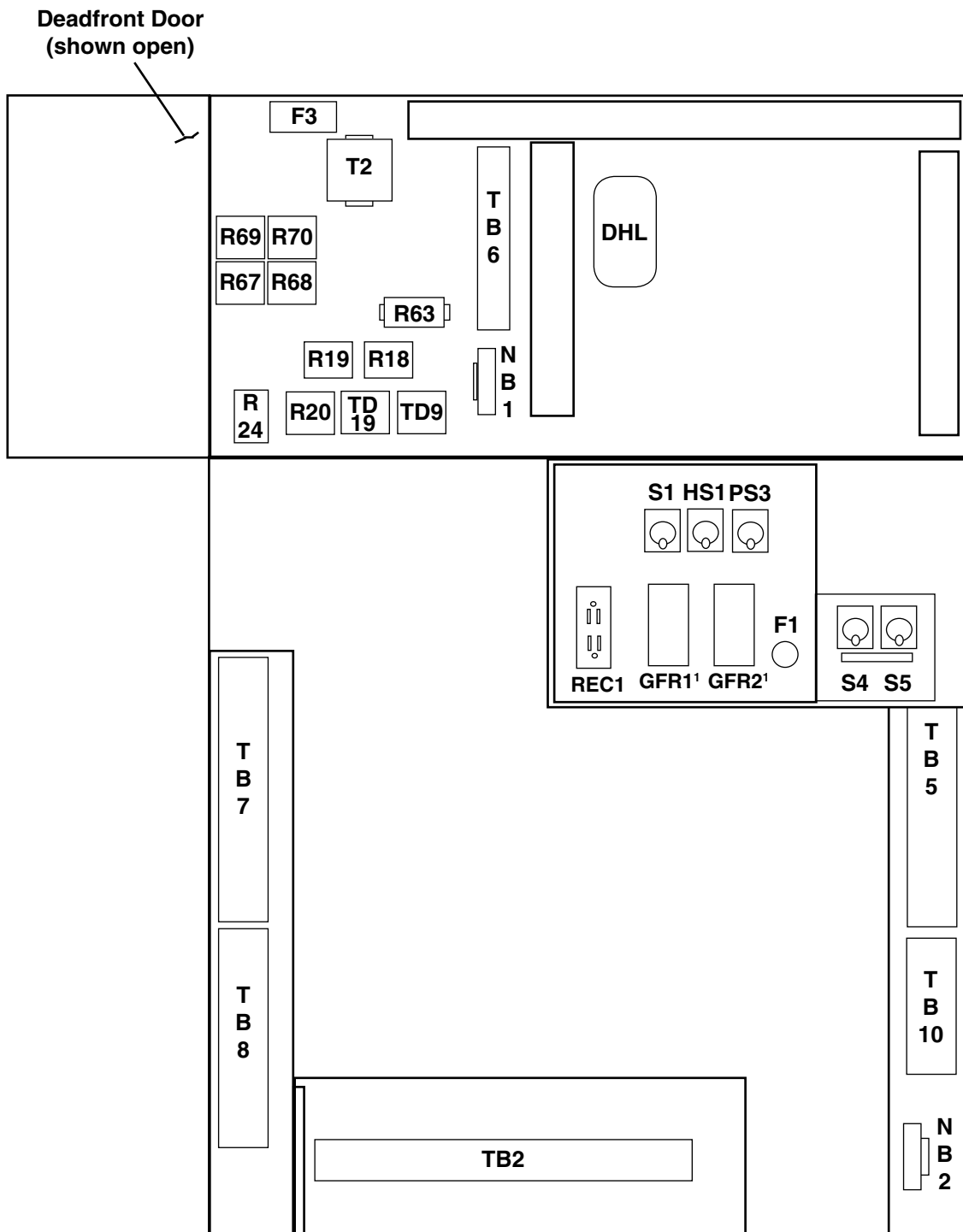
Section N- Main Control Box

Control Panel- Units without MicroTech Controls

Code 12= YC, YM— Until 3/05

Diagram

¹ Code 08= P, S. Between 10/04 and 3/05 either this Control Panel or the later design Control Panel (Code 08= D, F) could be installed. Check the GO or visually inspect the unit to verify which panel is installed.



¹ GFR1 & GFR2 are detailed with the GFS1, GFS2 in the power panel section.

Section N- Main Control Box

Control Panel- Units without MicroTech Controls

Code 12= YC, YM— Until 3/05 ¹

Components

¹ Code 08= P, S. Between 10/04 and 3/05 either this Control Panel or the later design Control Panel (Code 08= D, F) could be installed. Check the GO or visually inspect the unit to verify which panel is installed.

Sch. Sym.	Part Description	Part Number	Qty.
	Switches		
S1	Toggle Switch- On/Off: Units with Gas Heat (Code 04= A)	018446400	1
	Toggle Switch- On/Off: Units without Gas Heat (Code 04= E, W, S, Y, X)	001355000	1
S4/S5	Toggle Switch- Inverters (Code 14= 1- 9, X)	028798400	1
	Connector Bar- Inverter on Supply and Return Air Fan C14= 1- 9, X)	033250200	1
PS3	Toggle Switch- Unit Pumpdown Switch	001355000	1
HS1	Electric Heat Shutdown Switch (Code 04= E)	001355000	1
	Fusing		
F1	Fuseholder	018690600	1
	Fuse- Control Circuit Fuse	025954700	1
F3	Fuse Block- Gas Heat	023780201	1
	Fuse, Gas Heat: 200- 1000 MBH	025860505	1
	Fuse, Gas Heat: 1100- 2000 MBH	025860507	1
	Relays & Time Delays		
R18, 19	Relay	016508002	2
R20	Relay- Gas Heat (Code 04= A)	019643000	1
R24	Relay- Gas Heat Alarm	032508101	1
R63	Relay- Hi Limit	073305401	1
R67	Relay- Inverters (Code14= 1- 9, X)		
	No Bypass (Code14= 6, 7, 9, X)	016508002	2
	With Bypass (Code14= 1- 5, 8, X)	019643000	2
R68	Relay- Inverters (Code14= 1- 9, X)		
	No Bypass (Code14= 6, 7, 9, X)	016508002	2
	With Bypass (Code14= 1- 5, 8, X)	019643000	2
	Relay- Exhaust Fan (Code 20= HY, JY)	019643000	1
R69	Relay- Inverters with bypass only (Code14= 1- 5, 8, X)	032508101	1
R70	Relay- Inverters (Code14= 1- 9, X)	016508002	1
TD9, TD19	Time Delay- Part Winding Fan	026213000	1/fan
	Terminal Blocks		
TB1	Terminal Block- 3 Terminals used w/ REC1 (not shown on diagram)		
TB2	Terminal Block- 30 Terminals	022431230	1
TB5	Terminal Block- 30 Terminals	022431230	1
TB6	Terminal Block- 20 Terminals	015998120	1
TB7	Terminal Block- 30 Terminals	022431230	1
TB8	Terminal Block- 24 Terminals	022431214	1
TB10	Terminal Block- 14 Terminals- Gas Heat Single Stage OR Modulating Burner	022431214	1
	Terminal Block- 9 Terminals- Hi-Turn Down Burner	022431209	1
NB1, 2	Terminal Block- Neutral Block	037530800	2
	Transformers		
T2	Control Circuit Transformer	029948300	1
	Receptacle		
REC1	Receptacle		
	Until 1/03	039003100	1
	1/03 & Later	039003600	1
	Pressure Controls		
DHL	Duct Hi-Limit Pressure Control	065493801	1
	Duct Hi Limit Control Pneumatic Fitting	049763002	1

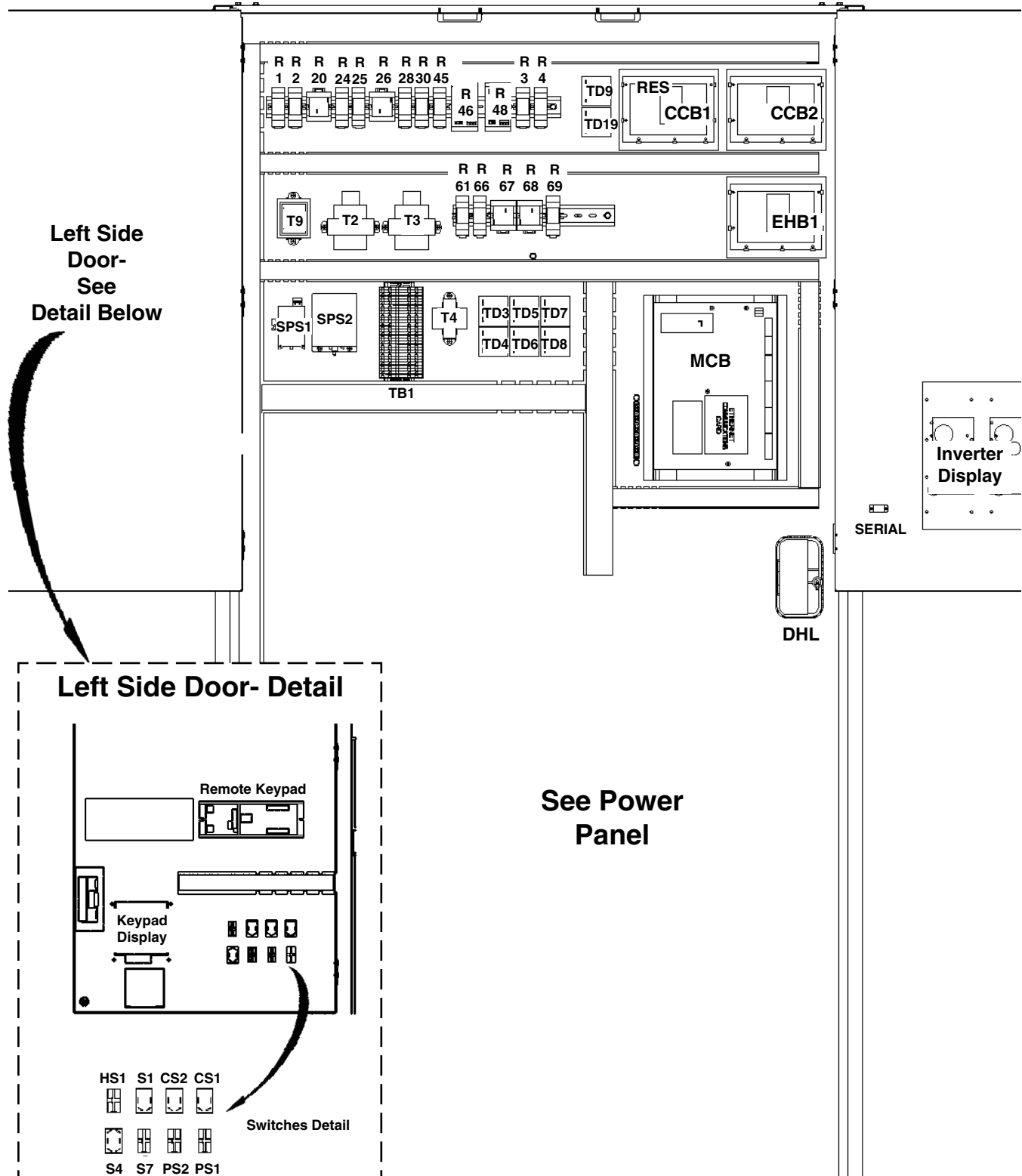
Section N- Main Control Box

MicroTech II OR No Controls Control Panel— 3/05 & Later ¹

Units with Controller (Code 12= *D, *S)

Diagrams

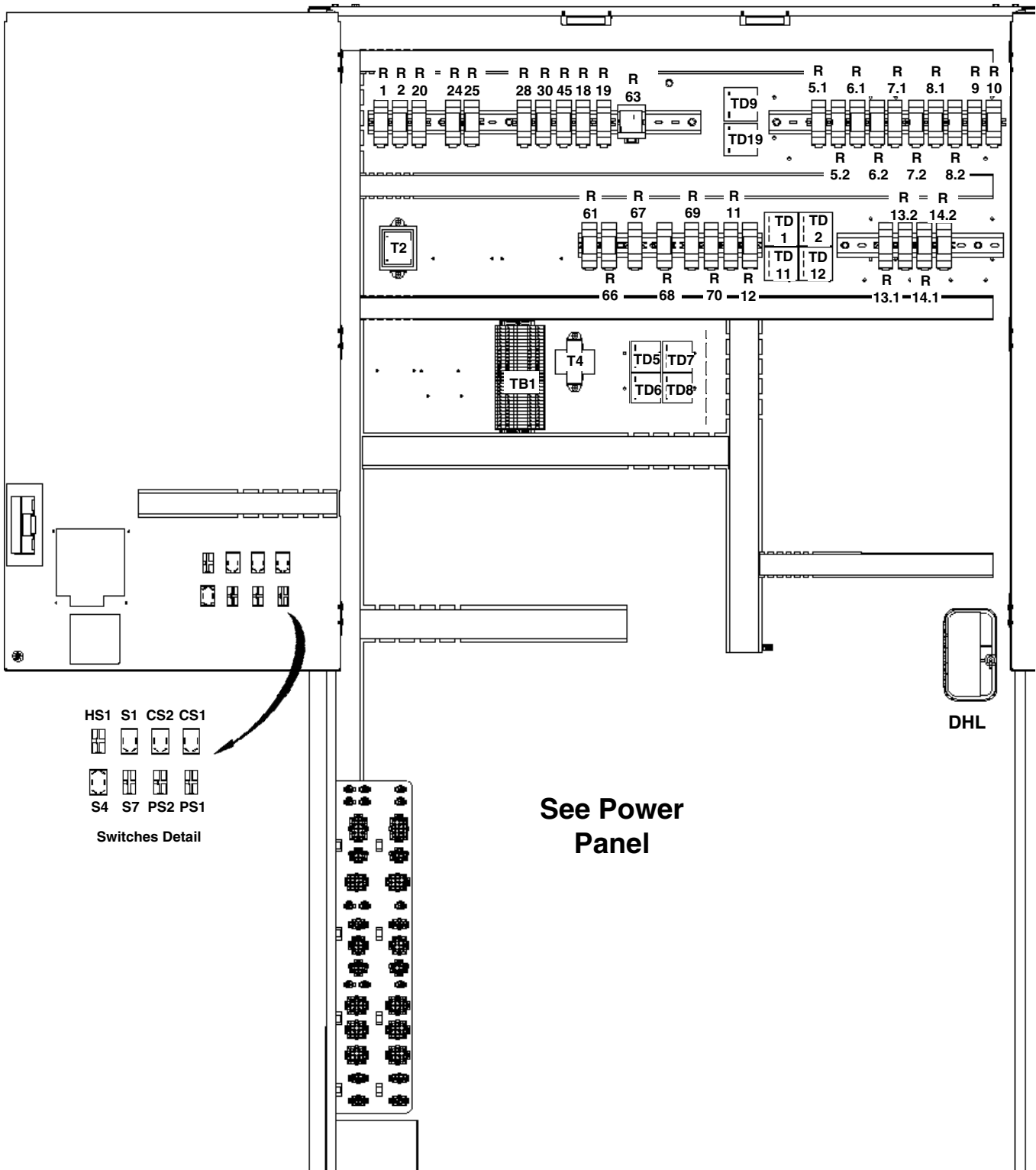
¹ Code 08= D, F. Between 10/04 & 3/05 either this control panel or the original MicroTech control panel could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.



Section N- Main Control Box

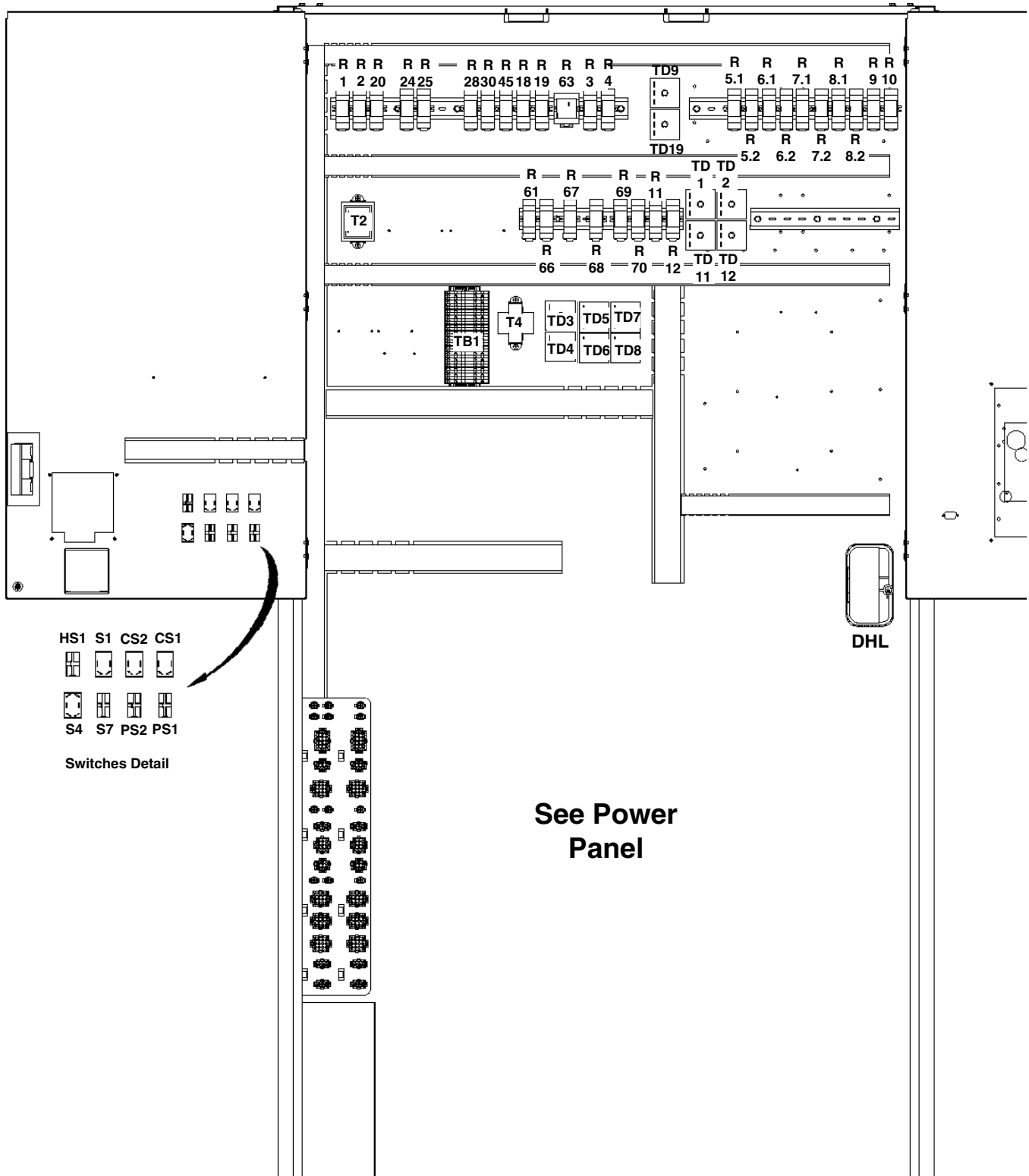
MicroTech II OR No Controls Control Panel— 3/05 & Later ¹
080- 105 Units with No Controller (Code 12= YM, YC)
Diagram

¹ Code 08= D, F. Between 10/04 & 3/05 either this control panel or the original MicroTech control panel could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.



MicroTech II OR No Controls Control Panel— 3/05 & Later ¹
115- 135 Units with No Controller (Code 12= YM, YC)
Diagram

¹ Code 08= D, F. Between 10/04 & 3/05 either this control panel or the original MicroTech control panel could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.



Section N- Main Control Box

MicroTech II OR No Controls Control Panel— 3/05 & Later ¹

Components

¹ Code 08= D, F. Between 10/04 & 3/05 either this control panel or the original MicroTech control panel could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.

Sch. Sym.	Part Description	Part Number	Qty.
	Main Controller		
MCB	Main Controller- Must be programmed (unit GO# required)	060006101	1
	Com Card- Bacnet (Code12= B*)	060006202	1
	Com Card- Bacnet with Ethernet (Code12= E*)	060006201	1
	Com Card- LonMark Space Control (Code12= LS)	060006203	1
	Com Card- LonMark Discharge Control (Code12= LD)	060006204	1
	Standoff- Com Card	048166706	4
	Kit- Connector Repair	300036605	1
	Power Supply- 5 VDC (Code 12= *D, *S)	111049610	
	Serial Port Ribbon Cable	111047201	1
	Battery	049754501	1
	Grounding Bar	349936901	1
	Keypad		
Keypad	Keypad	060006301	1
	Remote Keypad Interface Board	112021601	1
	Cable- Interface	349938501	1
	Compressor Controller		
CCB1, 2	Expansion Board- Compressor Controller	112026101	2
	Standoff- Expansion Board	048166705	14
	Comm. Card- Bacnet	060006202	2
	Standoff- Comm. Card	048166707	8
RES	Resistor- CCB1	060003901	1
	Electric Heat Board		
EHB1	Expansion Board- Electric Heat	112026101	1
	Standoff- Expansion Board	048166705	7
	Comm. Card- Bacnet	060006202	1
	Standoff- Comm. Card	048166707	4
	Switches- Control		
HS1	Switch- Electric Heat Shutdown (Code 04= E)	001355000	1
PS1, 2	Switch- Pumpdown	001355000	2
CS1, 2	Switch- Control		
	with factory Controller (Code 12= *D, *S)	018446400	2
	with no Controller (Code 12= YM, YC)	001355000	2
S1	Switch- System On/Off		
	Gas Heat Units (Code 04= A)	018446400	1
	Elec., Steam, HW, No Heat (Code 04= E, S, W, Y)	001355000	1
S4	Switch- Inverter Bypass On/Off	028798400	1
S7	Switch- Local On/Auto/Off to Controller	349931201	1
	Serial Cables		
Serial	Serial Cable	111047201	1
	Duct Hi Limit and Duct Static Pressure Sensors		
DHL	Duct Hi Limit Switch	065493801	1
SPS1	Pressure Transducer- Duct Sensor (Code 13= 1, 2, 3)	049545007	1
SPS2	Pressure Transducer- Duct Sensor (Code 13= 2)	049545007	1
	Pressure Transducer- Space Sensor (Code 13= 3, 4)	049545006	1

Section N- Main Control Box

MicroTech II OR No Controls Control Panel— 3/05 & Later ³

Components, Continued

³ Code 08= D, F. Between 10/04 & 3/05 either this control panel or the original MicroTech control panel could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.

Sch. Sym.	Part Description	Part Number	Qty.
	Relays 3/05 thru 10/06 ¹		
R1, 2	Relay- Hi Pressure Reset	349934704	2
R3, 4	Relay- Hi Pressure Delay	349934704	2
R5.1,5.2	Relay- Safety	349934704	2
R6.1,6.2	Relay- Safety	349934704	2
R7.1, 7.2	Relay- Safety	349934704	2
R8.1, 8.2	Relay- Safety	349934704	2
R9, 10	Relay- Compressor Lockout	349934704	2
R11, 12	Relay- Speedtrol Fan Cycling (Code 47= 2)	349934704	2
R13.1,13.2	Relay- Safety	349934704	2
R14.1,14.2	Relay- Safety	349934704	2
R18, 19	Relay- Cooling Failure Indicator	349934701	2
R20	Relay- Steam, Hot Water Heat (Code 04= S, W)		
	Units with Controller (Code 12= *D, *S)	349934901	1
	Units with No Controller (Code 12= YM)	349934704	1
	Relay- Electric Heat (Code 04= E)	349934701	1
	Relay- Gas Heat ² (Code 04= A)		
	Units with Controller (Code 12= *D, *S)		
	Hi Turn Down Burner (Code 34 [5th digit]= H, T, U)	016508002	1
	Modulating Burner (Code 34 [5th digit]= E, R, S)	026213000	1
	Units w/No Controller & Gas Actuator (Code 12= YC)		
	Hi Turn Down Burner (Code 34 [5th digit]= H, T, U)	073340001	1
	Modulating Burner (Code 34 [5th digit]= E, R, S)	027400700	1
	Units w/No Controller & Float Control (Code 12= YM)		
	Hi Turn Down Burner (Code 34 [5th digit]= H, T, U)	019643000	1
	Modulating Burner (Code 34 [5th digit]= E, R, S)	027400700	1
R24	Relay- Gas Heat Alarm (Code 04= A)	349934704	1
R25	Relay- Gas Heat, Start Supply Fan Inverter (Code 14= 1, 2,3,5,6,7)	349934704	1
R26	Relay- Iso Damper- Open/Close	349934901	1
R28	Relay- Isolation Damper Safety	349934701	1
R30	Relay- Cool Valve w/ Face Bypass	349934704	1
R45	Relay- UV Lights	349934701	1
R46	Relay- Inverter, Supply Fan increase/decrease (Code 14= 1- 3,5- 7)	112033501	1
R48	Relay- Inverter, Return Fan increase/decrease (Code 14= 2,4,5,7-9)	112033501	1
R61	Relay- Discharge Air Smoke Detector	349934701	1
R63	Relay- Specials	349934901	1
R66	Relay- Return Air Smoke Detector (Code 16= 1, 3)	349934701	1
R67	Relay- Supply Fan Enable		
	No Controller (Code 12= YM, YC)	349934704	1
	With Controller (Code 12= *D, *S)	349934701	1
R68	Relay- Return Fan Enable		
	No Controller (Code 12= YM, YC)	349934704	1
	With Controller (Code 12= *D, *S)	349934701	1
R69	Relay- Inverter Bypass VAV Interlock (Code 14= 1- 9)	349934704	1
R70	Relay- Specials	349934701	1

¹ There was a change in many of the Main Box components at the end of 2006. The majority of the component changes occurred in the Power Panel. The only components that changed in the Control Panel were several of the relays. See the following page for relays used in units built 1/07 & Later. If the unit was built between 10/06 & 12/06 contact Daikin Applied to verify which controls are installed.

² All R20 options are detailed here but for units with gas heat, the R20 is located in the gas heat control box (see section G).

Section N- Main Control Box

MicroTech II OR No Controls Control Panel— 3/05 & Later ³

Components, Continued

³ Code 08= D, F. Between 10/04 & 3/05 either this control panel or the original MicroTech control panel could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.

Sch. Sym.	Part Description	Part Number	Qty.
	Relays 1/07 & Later ¹		
R1, 2	Relay- Hi Pressure Reset	349934724	2
R3, 4	Relay- Hi Pressure Delay	349934724	2
R5.1,5.2	Relay- Safety	349934724	2
R6.1,6.2	Relay- Safety	349934724	2
R7.1, 7.2	Relay- Safety	349934724	2
R8.1, 8.2	Relay- Safety	349934724	2
R9, 10	Relay- Compressor Lockout	349934724	2
R11, 12	Relay- Speedtrol Fan Cycling (Code 47= 2)	349934724	2
R13.1,13.2	Relay- Safety	349934724	2
R14.1,14.2	Relay- Safety	349934724	2
R18, 19	Relay- Cooling Failure Indicator	349934722	2
R20	Relay- Steam or Hot Water Heat (Code 04= S, W)		
	Units with Controller (Code 12= *D, *S)	349934921	1
	Units with No Controller (Code 12= YM)	349934724	1
	Relay- Electric Heat (Code 04= E)	349934722	1
	Relay- Gas Heat ² (Code 04= A)		
	Units with Controller (Code 12= *D, *S)		
	Hi Turn Down Burner (Code 34 [5th digit]= H, T, U)	016508002	1
	Modulating Burner (Code 34 [5th digit]= E, R, S)	026213000	1
	Units w/No Controller & Gas Actuator (Code 12= YC)		
	Hi Turn Down Burner (Code 34 [5th digit]= H, T, U)	073340001	1
	Modulating Burner (Code 34 [5th digit]= E, R, S)	027400700	1
	Units w/No Controller & Float Control (Code 12= YM)		
	Hi Turn Down Burner (Code 34 [5th digit]= H, T, U)	019643000	1
	Modulating Burner (Code 34 [5th digit]= E, R, S)	027400700	1
R24	Relay- Gas Heat Alarm (Code 04= A)	349934724	1
R25	Relay- Gas Heat, Start Supply Fan Inverter (Code 14= 1, 2,3,5,6,7)	349934724	1
R26	Relay- Iso Damper- Open/Close	349934921	1
R28	Relay- Isolation Damper Safety	349934722	1
R30	Relay- Cool Valve w/ Face Bypass	349934724	1
R45	Relay- UV Lights	349934722	1
R46	Relay- Inverter, Supply Fan increase/decrease (Code 14= 1- 3,5- 7)	112033501	1
R48	Relay- Inverter, Return Fan increase/decrease (C14= 2,4,5,7- 9)	112033501	1
R61	Relay- Discharge Air Smoke Detector	349934722	1
R63	Relay- Specials	349934921	1
R66	Relay- Return Air Smoke Detector (Code 16= 1, 3)	349934722	1
R67	Relay- Supply Fan Enable		
	No Controller with Inverter bypass (Code 12= YM), YC)	349934724	1
	No Controller with no Inverter bypass (Code 12= YM), YC)	349934722	1
	With Controller (Code 12= *D, *S)	349934722	1
R68	Relay- Return Fan Enable		
	No Controller (Code 12= YM), YC)	349934724	1
	With Controller (Code 12= *D, *S)	349934722	1
R69	Relay- Inverter Bypass VAV Interlock (Code 14= 1- 9)	349934722	1
R70	Relay- Specials	349934722	1

¹ There was a change in many of the Main Box components at the end of 2006. The majority of the component changes occurred in the Power Panel. The only components that changed in the Control Panel were several of the relays. See the previous page for relays used in units built 3/05 thru 9/06. If the unit was built between 10/06 & 12/06 contact Daikin Applied to verify which controls are installed.

² All R20 options are detailed here but for units with gas heat, the R20 is located in the gas heat control box (see section G).

Section N- Main Control Box

MicroTech II OR No Controls Control Panel— 3/05 & Later ⁷

Components, Continued

⁷ Code 08= D, F. Between 10/04 & 3/05 either this control panel or the original MicroTech control panel could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.

Sch. Sym.	Part Description	Part Number	Qty.
	Time Delays		
TD1	Time Delay- Compressor Lockout 300 Sec.	028210138	1
TD2	Time Delay- Compressor Lockout 300 Sec.	028210138	1
TD3	Time Delay- Hi Pressure 5 Sec.	111056701	1
TD4	Time Delay- Hi Pressure 5 Sec.	111056701	1
TD5	Time Delay- Part Winding ³ 1 Sec.	028210101	1
TD6	Time Delay- Part Winding ³ 1 Sec.	028210101	1
TD7	Time Delay- Part Winding ³ 1 Sec.	028210101	1
TD8	Time Delay- Part Winding ³ 1 Sec.	028210101	1
TD9	Time Delay- SA Fan PW (Special) ³ 1 Sec.	028210101	1
TD11	Time Delay- Low Ambient 165 Sec.	032358500	1
TD12	Time Delay- Low Ambient 165 Sec.	032358500	1
TD19	Time Delay- RA Fan PW (Special) ³ 1 Sec.	028210101	1
	Transformers- Controls		
T2	Transformer- Control Input 115- 24V		
	With Controller Code 12= *D, *S	349937303	1
	No Controller Code 12= YM, YC	349937201	1
T3	Transformer- Control Output 115- 24V	349937303	1
T4	Transformer- Exhaust Damper Actuator 115- 12VDC	349931801	1
T9	Transformer- Refrigerant Circuit 24V	349937201	1
	Terminal Blocks		
TB1	Terminal Block- Internal		
	Units built 3/05 thru 10/06 ⁶	349930605	4
	Units built 1/07 & Later ⁶	349930641	5
	Sensors		
ZNT1	Sensor- Zone Temperature w/ Tenant Override ²	111048101	1
	Sensor- Zone Temp. w/ Tenant Override & Remote Setpoint Adj. ^{1, 2}	111048102	1
DAT	Sensor- Discharge Air Temperature ²	060004705	1
ENT	Sensor- Entering Air Temperature ²	060004705	1
OAT	Sensor- Outside Air Temperature ²	060004705	1
RAT	Sensor- Return Air Temperature ²	060004705	1

¹ SCC Units only- Code 12= BS, LS, ES, SS.

² Not Shown on diagram.

³ Part Winding units (Code 10= PW) applies to units with Semihermetic Compressors only.

⁴ Varies depending on unit options. Part number is for one individual section. Ground Block is p/n 349930606.

⁵ Varies depending on unit options. Part number is for one individual section. Ground Block is p/n 349930945 (TB1A:5), 349930943 (TB1B:14), 349930942 (TB1C:20, TB1D:25 & TB1E:30).

⁶ If unit was built between 10/06 & 12/06 contact Daikin Applied.

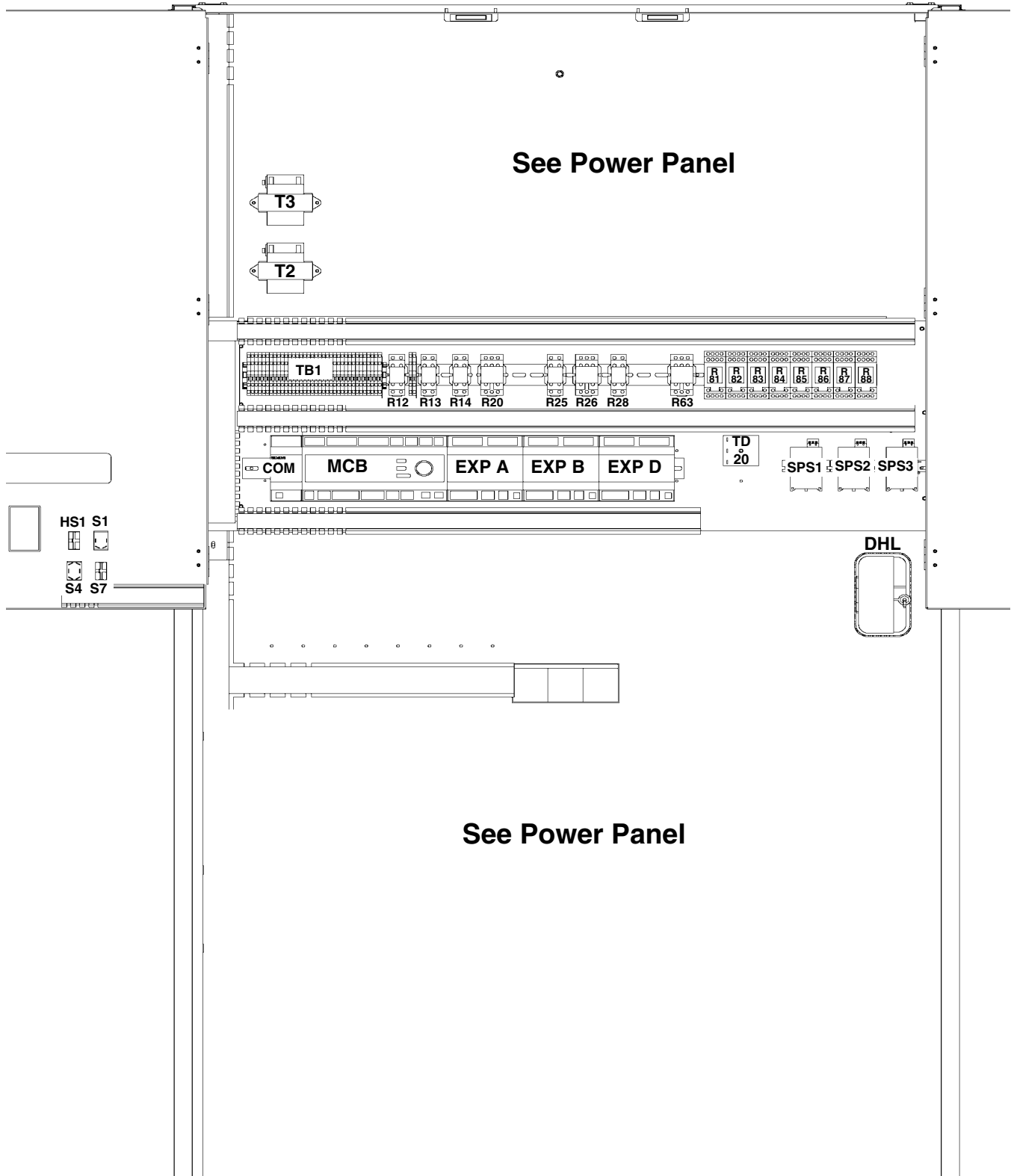
Section N- Main Control Box

Control Panel 9/08 & Later ¹

MicroTech III Units with Controller (Code 12= *E, *F)

Diagram

¹ This is for MicroTech III units only. Components for units with No controls (Code 12= YC, YM) are listed on the previous four pages.



Section N- Main Control Box

Control Panel 9/08 & Later*

MicroTech III Units with Controller (Code 12= *E, *F)

Components

Sch. Sym.	Part Description	Part Number	Qty.
	Main Controller		
MCB	Main Controller- Must be programmed (unit GO# required)	193407301	1
	Terminal Block, MCB- 2 Pole	193410302	1
	Terminal Block, MCB- 3 Pole	193410303	6
	Terminal Block, MCB- 5 Pole	193410305	1
	Terminal Block, MCB- 6 Pole	193410306	1
	Terminal Block, MCB- 7 Pole	193410307	1
	Terminal Block, MCB- 8 Pole	193410308	2
	Expansion Module		
EXP A	Expansion Module- Condenser	193407501	1
EXP B	Expansion Module- Heat	193407501	1
EXP D	Expansion Module- Specials	193407501	1
	Terminal Block, EXP- 2 Pole	193410302	1/board
	Terminal Block, EXP- 3 Pole	193410303	1/board
	Terminal Block, EXP- 7 Pole	193410307	1/board
	Terminal Block, EXP- 8 Pole	193410308	2/board
	Communication Card		
COM	Bacnet- MSTP (Code 12= BE, BF)	090016710	1
	Bacnet- IP (Code 12= EE, EF)	090016709	1
	LonWorks- Discharge (Code 12= LE)	090016712	1
	LonWorks- Constant Volume (Code 12= LF)	090016711	1
	Resistors¹		
RES1	Resistor- Refrigeration Circuit #1 1500 OHM	044690151	1
RES2	Resistor- Refrigeration Circuit #2 1000 OHM	044690110	1
RES3	Resistor- Freezestat (FS1) 1000 OHM	044690110	1
RES4	Resistor- OAE 1500 OHM	044690151	1
RES6,7,8	Resistor- SPS1, SPS2, SPS3 500 OHM	044690146	1/switch
	Switches- Control		
HS1	Switch- Electric Heat Shutdown (Code 04= E)	001355000	1
S1	Switch- System On/Off		
	Gas Heat Units with no UV Lights DPST/15A	018446400	1
	Gas Heat Units with UV Lights 4PST/30A	033536700	1
	Electric, Steam, HW or No Heat with no UV Lights SPST/20A	001355000	1
	Electric, Steam, HW or No Heat with UV Lights DPST/15A	018446400	1
S4	Switch- Inverter Bypass On/Off DPST/15A	018446400	1
S7	Switch- Local On/Auto/Off to Controller SPDT/15A	193412101	1
	Transformers		
T2	Transformer- Control 120- 24V	349937303	1
T3	Transformer- Control 120- 24V	349937303	1
	Duct Hi Limit and Duct Static Pressure Sensors		
DHL	Duct Hi Limit Switch	065493801	1
SPS1	Pressure Transducer- Duct Sensor (Code 13= 1, 2, 3)	910124528 ²	1
SPS2	Pressure Transducer- Duct Sensor (Code 13= 2)	910124528 ²	1
	Pressure Transducer- Space Sensor (Code 13= 3, 4)	910124529 ²	1
SPS3	Pressure Transducer- Space Sensor (Code 13= 8)	910124529 ²	1

¹ Not Shown on diagram.

² The original Transducer is no longer available. This replacement kit requires minor field modifications for proper installation & operation.

Section N- Main Control Box

Control Panel 9/08 & Later

MicroTech III Units with Controller (Code 12= *E, *F)

Components, Continued

Sch. Sym.	Part Description	Part Number	Qty.
	Relays		
R12	Relay- Condenser Fan	349934724	1
R13	Relay- Condenser Fan	349934724	1
R14	Relay- Condenser Fan	349934724	1
R20	Relay- Heat	349934724	1
R25	Relay- Gas Heat, Start Supply Fan Inverter (Code 14= 1, 2,3,5,6,7)	349934724	1
R26	Relay- Iso Damper- Open/Close	349934722	1
R28	Relay- Isolation Damper Safety	349934722	1
R63	Relay- Duct Hi Limit		
	Units with Return Fan Inverter 3PDT/120V	349934923	1
	Units with No Return Fan Inverter DPDT/120V	349934724	1
R81	Relay- Smoke 4P/6A/24V	193413601	1
R82	Relay- Smoke 4P/6A/24V	193413601	1
R83	Relay- Smoke 4P/6A/24V	193413601	1
R84	Relay- Smoke 4P/6A/24V	193413601	1
R85	Relay- Smoke 4P/6A/24V	193413601	1
R86	Relay- Smoke 4P/6A/24V	193413601	1
R87	Relay- Smoke 4P/6A/24V	193413601	1
R88	Relay- Smoke 4P/6A/24V	193413601	1
	Time Delays		
TD20	Time Delay- Return Air Fan	028210106	1
	Terminal Block		
TB1	Terminal Block	349930641	1
	Phase Voltage		
ZNT1	Sensor- Zone Temperature w/ Tenant Override ³	113117701	1
	Sensor- Zone Temp. w/ Tenant Override & Remote Setpoint Adj. ^{2, 3}	113117801	1
DAT	Sensor- Discharge Air Temperature ³	193414602	1
EFT	Sensor- Entering Air Temperature ³	193414602	1
OAT	Sensor- Outside Air Temperature ³	193414602	1
RAT	Sensor- Return Air Temperature ³	193414602	1
EAT	Sensor- Exhaust Air Temperature ³	193414602	1
LAT	Sensor- Leaving Air Temperature ³	193414602	1
	Remote Display		
	Remote Interface Display ³	193408001	1

¹ Varies depending on unit options. Part number is for one individual section. Ground Block is p/n 349930647.

² SCC Units only- Code 12= BF, LF, EF, SF.

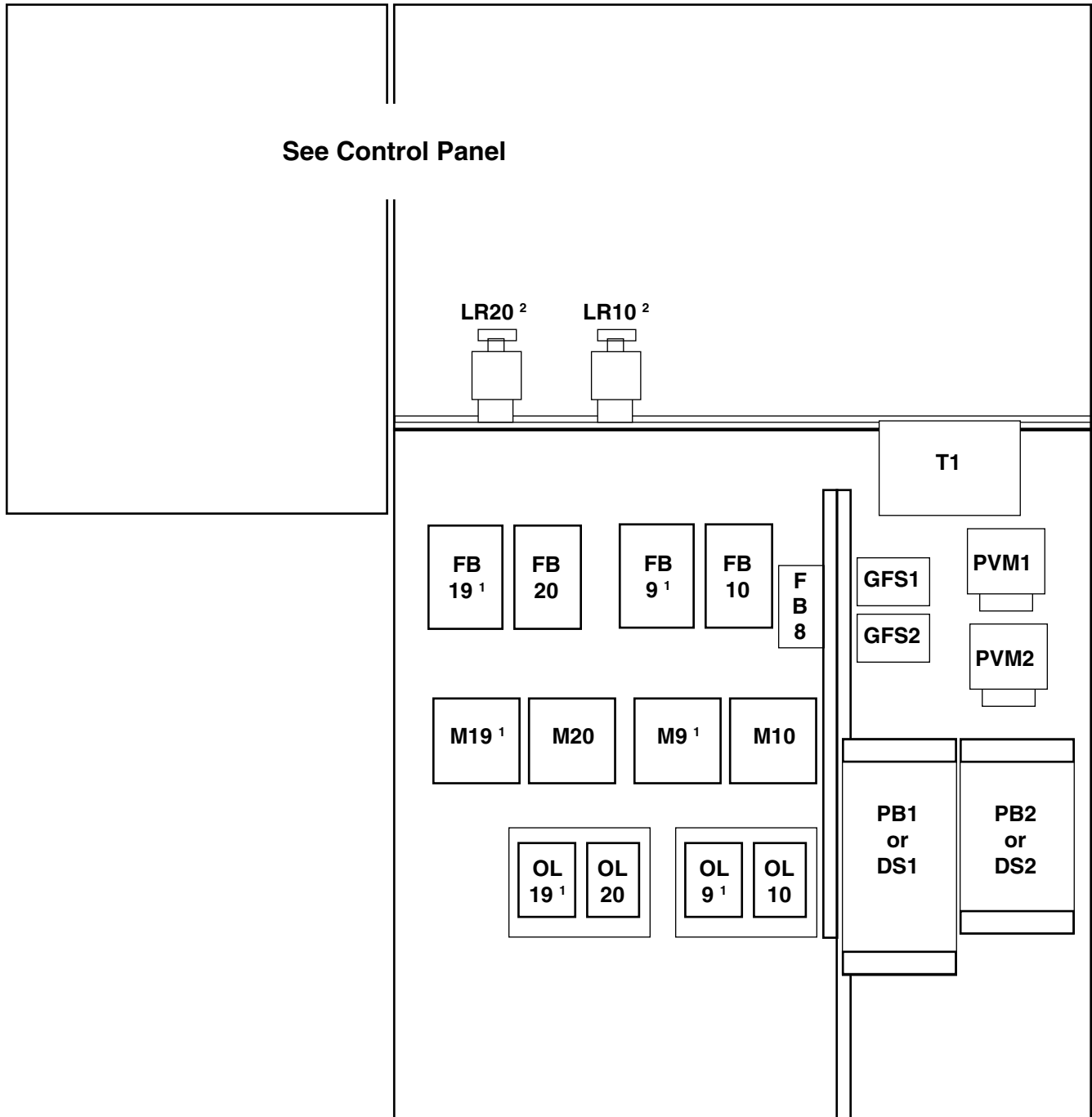
³ Not Shown on diagram.

Section N- Main Control Box

Power Panel- Until 3/05 ³

Diagram

³ Code 08= P, S. Between 10/04 and 3/05 either this Power Panel OR the redesigned MicroTech II Power Panel (Code 08= D, F) could be installed. Check the GO or visually inspect the unit to verify which panel is installed.



¹ Used with all Part Winding Motors (Code 10= PP, PS), all 60HP and 75HP motors, and 208/230V 40HP and 50HP Across-the-Line Motors (Code 10= AL, PW).

² Line Reactor part numbers are listed in Section F.

Section N- Main Control Box

Power Panel- Until 3/05 ²

Common Components

² Code 08= P, S. Between 10/04 and 3/05 either this Power Panel OR the redesigned MicroTech II Power Panel (Code 08= D, F) could be installed. Check the GO or visually inspect the unit to verify which panel is installed.

Power Panel- TB1 Terminal Block, T1 Transformer and Fusing, Ground Fault, PVM

Sch. SYM).	Part Description	Part Number	Voltage				
			208V	230V	380V	460V	575V
	Transformer- Main						
T1	Transformer- Power						
	Electric, H)W. Steam, H)eat (C04= E), S, H)	038253916	1		1		
	Electric, H)W. Steam, H)eat (C04= E), S, H)	038253907		1		1	
	Electric, H)W. Steam, H)eat (C04= E), S, H)	038253930					1
	Gas Heat (Code 04= A)	038253917	1		1		
	Gas Heat (Code 04= A)	038253908		1		1	
	Gas Heat (Code 04= A)	038253930					1
	No Heat (Code 04= Y)						
	MicroTech Control (C12= 1- 5M, *D, *S)	038253916	1		1		
	MicroTech Control (C12= 1- 5M, *D, *S)	038253907		1		1	
	MicroTech Control (C12= 1- 5M, *D, *S)	038253930					1
	No Controls (Code 12= YM)	038253913	1		1		
	No Controls (Code 12= YM)	038253904		1		1	
	No Controls (Code 12= YM)	038253932					1
	Fuse Block, Fuses for Main Transformer						
FB8	Fuse Block- T1 Transformer	023780202	1	1			
	Fuse Block- T1 Transformer	023780203			1	1	1
F8	Fuse- T1 Transformer						
	Electric, H)W, Steam Heat (Code 04=E)	025860534	2				
	Electric, H)W, Steam Heat (Code 04=E)	025860504		2			
	Electric, H)W, Steam Heat (Code 04=E)	025860404			2		
	Electric, H)W, Steam Heat (Code 04=E)	025860433				2	2
	Gas Heat (Code 04= A)	025860534	2	2			
	Gas Heat (Code 04= A)	025860431			2		
	Gas Heat (Code 04= A)	025860437				2	
	Gas Heat (Code 04= A)	025860433					2
	No Heat (Code 04= Y)						
	MicroTech Control (C12= 1- 5M, *D, *S)	025860534	2				
	MicroTech Control (C12= 1- 5M, *D, *S)	025860504		2			
	MicroTech Control (C12= 1- 5M, *D, *S)	025860404			2		
	MicroTech Control (C12= 1- 5M, *D, *S)	025860433				2	2
	No Controls (Code 12= YM)	025860530	2				
	No Controls (Code 12= YM)	025860532		2			
	No Controls (Code 12= YM)	025860435			2		
	No Controls (Code 12= YM)	025860434				2	
	No Controls (Code 12= YM)	025860402					2
	Ground Fault Relay and Sensor						
GFR1,2 ¹	Relay- Ground Fault	065813401	1/fan	1/fan	1/fan	1/fan	1/fan
GFS1, 2	Sensor- Ground Fault	065813402	1/fan	1/fan	1/fan	1/fan	1/fan
	Phase Voltage Monitor						
PVM1,2	Phase Voltage Monitor	098860401	1/fan	1/fan	1/fan	1/fan	
	Phase Voltage Monitor	059475303					1/fan

¹ GFR1, 2 shown on Control Panel diagram.

Section N- Main Control Box

Power Panel- Until 3/05 ⁴

Common Components, Continued

⁴ Code 08= P, S. Between 10/04 and 3/05 either this Power Panel OR the redesigned MicroTech II Power Panel (Code 08= D, F) could be installed. Check the GO or visually inspect the unit to verify which panel is installed.

Power Panel- Power Blocks, Disconnects

Sch. Sym.	Part Description	Part Number	Voltage				
			208V	230V	380V	460V	575V
	Power Block (Code 11= P1, Q1)						
PB1, 2 ²	Power Block- 6 outlet holes/1inlet hole 95A	030372707	1	1	1	1	1
	Power Block- 6 outlet holes/1inlet hole 175A	030372705	1	1	1	1	1
	Power Block- 6 outlet holes/1inlet hole 335A	030372717	1	1	1	1	1
	Power Block- 6 outlet holes/1inlet 350/380A	030372718	1	1	1	1	1
	Power Block- 8 outlet holes/1inlet hole 335A	030372706	1	1	1	1	1
	Power Block- 12 outlet holes/1inlet 350/380A	030372720	1	1	1	1	1
	Power Block- 6 outlet holes/2inlet holes 760A	030372721	1	1	1	1	1
	Power Block- 12 outlet holes/1inlet hole 760A	030372728	1	1	1	1	1
	Disconnect Switch (Code 11= A2, B2, C2, D2)						
DS1, DS2	Disconnect Switch 60A/600V	031446200	3	3	3	3	3
	Handle Mechanism- 60A Switch	031322400					
	Disconnect Switch 100A/600V	025860602	3	3	3	3	3
	Handle Mechanism- 100A Switch	025862400					
	Disconnect Switch 250A/600V	047442104	3	3	3	3	3
	Handle Mechanism- 250A Switch	039903100					
	Disconnect Switch 400A/600V- 2 inlet holes	047442111	3	3	3	3	3
	Handle Mechanism- 400A Switch	025862500					
	Disconnect Switch 400A/240V- 2 inlet holes	025860702	3	3	3	3	3
	Handle Mechanism- 400A Switch	025862500					
	Disconnect Switch 400A/600V- 1 inlet hole	047442109	3	3	3	3	3
	Handle Mechanism- 400A Switch	025862500					
	Disconnect Switch 400A/240V- 1 inlet hole	047442108	3	3	3	3	3
	Handle Mechanism- 400A Switch	025862500					
	Disconnect Switch 600A/600V	027070601	3	3	3	3	3
	Handle Mechanism- 600A Switch	028399200					
	Disconnect Switch 800A/600V- 2 inlet holes	031019401	3	3			
	Handle Mechanism- 800A Switch	031011600					
	Disconnect Switch 800A/600V- 1 inlet hole	031019411			3	3	3
	Handle Mechanism- 800A Switch	031011611					
	Disconnect Switch 1200A/600V	031019501	3	3	3	3	3
	Handle Mechanism- 1200A Switch	031011700					

¹ The Power Block used on a given unit is contingent upon the unit voltage, the motor(s) horsepower, and other options. Check the part in the unit to size up the replacement, or contact Daikin Applied with the unit model/GO number to assure proper replacement.

² PB2 is only used when Code 11= Q1.

³ The Disconnect Switch used on a given unit is contingent upon the unit voltage, the Motor(s) horsepower, and other options. Check the part in the unit to size up the replacement, or contact Daikin Applied with the unit model/GO number to assure proper replacement. DS2 is only used when Code 11= A2, C2, D2

Section N- Main Control Box

Power Panel— Until 3/05 ³

Fan Motor Contactors, Overloads, Fusing Components & Line Reactors

³ Code 08= P, S. Between 10/04 and 3/05 either this Power Panel OR the redesigned MicroTech II Power Panel (Code 08= D, F) could be installed. Check the GO or visually inspect the unit to verify which panel is installed.

5 Horsepower Motor- Code 22 OR 32= J*Y

Sch. Sym.	Part Description	Part Number	Voltage				
			208V	230V	380V	460V	575V
	Contactors						
M10, 20	Contactor- Supply (M10), Return (M20) Fan Motor	027514401	1	1	1	1	1
	Fuse Block and Fuses-						
FB10, 20	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780204	1	1			
	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780205			1	1	1
	Fuse- FB10 OR FB20	025860508	3	3			
	Fuse- FB10 OR FB20	025860538			3	3	
	Fuse- FB10 OR FB20	025860430					3
FB20	Fuse Block- Prop Exhaust (FB20)						
	2 Fan (Code 24= 2)	023780209	1				
	2 Fan (Code 24= 2)	023780204		1			
	2 Fan (Code 24= 2)	023780205			1	1	1
	3 Fan (Code 24= 3)	023780209	1				
	3 Fan (Code 24= 3)	023780205		1	1	1	1
	Fuse- 2 Fan (Code 24= 2)Prop Exhaust FB20	025860510	3				
	Fuse- 2 Fan (Code 24= 2)Prop Exhaust FB20	025860509		3			
	Fuse- 2 Fan (Code 24= 2)Prop Exhaust FB20	025860405			3	3	
	Fuse- 2 Fan (Code 24= 2)Prop Exhaust FB20	025860438					3
	Fuse- 2 Fan (Code 24= 3)Prop Exhaust FB20	025860513	3				
	Fuse- 2 Fan (Code 24= 3)Prop Exhaust FB20	025860512		3			
	Fuse- 2 Fan (Code 24= 3)Prop Exhaust FB20	025860408			3	3	
	Fuse- 2 Fan (Code 24= 3)Prop Exhaust FB20	025860406					3
	Overloads and Heaters						
OL10, 20	Overload- Supply (OL10), Return (OL20) Fan Motor						
	Overload	1					
	Heater, Overload	1					
LR10, 20	Line Reactors	2					

NOTE: Quantities Listed are PER motor.

¹ Note that there have been two different series of Overloads and Overload Heaters used during the production run.

When replacing an Overload OR the matching Overload Heater it is VITAL to obtain vendor p/n and amperage rating from BOTH parts.

When replacing ONLY an Overload Heater, it is VERY IMPORTANT to first obtain vendor information and amperage rating from the existing Overload, Overload Heater, and Motor. It is important to obtain this information to ensure that the correct Overload Heater is selected since Overload Heaters are chosen based upon Motor amperage draw, AND Overload Heaters are NOT interchangeable between series. Also, Overload Heaters DO NOT automatically come with Overloads. OVERLOAD HEATERS MUST BE ORDERED SEPARATELY.

Once vendor and amperage information is obtained, contact Daikin Applied for p/ns.

² When the unit has an Inverter with Bypass (Code 14= 2, 4, 5, 8) the Line Reactors are located in the Bypass Box. When there is no Inverter Bypass Box the Line Reactors are located in the Main Control Power Panel. Line Reactor part numbers are listed in the Supply Air section (Section F).

Section N- Main Control Box

Power Panel— Until 3/05 ³

Fan Motor Contactors, Overloads, Fusing Components & Line Reactors, Continued

³ Code 08= P, S. Between 10/04 and 3/05 either this Power Panel OR the redesigned MicroTech II Power Panel (Code 08= D, F) could be installed. Check the GO or visually inspect the unit to verify which panel is installed.

7.5 Horsepower Motor- Code 22 OR 32= K*Y

Sch. Sym.	Part Description	Part Number	Voltage				
			208V	230V	380V	460V	575V
	Contactors						
M10, 20	Contactor- Supply (M10), Return (M20) Fan Motor	027514402	1				
	Contactor- Supply (M10), Return (M20) Fan Motor	027514401		1	1	1	1
	Fuse Block and Fuses						
FB10, 20	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780209	1	1			
	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780205			1	1	1
	Fuse- FB10 OR FB20	025860510	3	3			
	Fuse- FB10 OR FB20	025860406			3	3	
	Fuse- FB10 OR FB20	025860405					3
	Overloads and Heaters						
OL10, 20	Overload- Supply (OL10), Return (OL20) Fan Motor						
	Overload	1					
	Heater, Overload	1					
LR10, 20	Line Reactors	2					

10 Horsepower Motor- Code 22 OR 32= L*Y

Sch. Sym.	Part Description	Part Number	Voltage				
			208V	230V	380V	460V	575V
	Contactors						
M10, 20	Contactor- Supply (M10), Return (M20) Fan Motor	027514403	1				
	Contactor- Supply (M10), Return (M20) Fan Motor	027514402		1			
	Contactor- Supply (M10), Return (M20) Fan Motor	027514401			1	1	1
	Fuse Block and Fuses						
FB10, 20	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780209	1	1			
	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780205			1	1	1
	Fuse- FB10 OR FB20	025860513	3				
	Fuse- FB10 OR FB20	025860511		3			
	Fuse- FB10 OR FB20	025860407			3	3	
	Fuse- FB10 OR FB20	025860406					3
	Overloads and Heaters						
OL10, 20	Overload- Supply (OL10), Return (OL20) Fan Motor						
	Overload	1					
	Heater, Overload	1					
LR10, 20	Line Reactors	2					

NOTE: Quantities Listed are PER motor.

¹ Note that there have been two different series of Overloads and Overload Heaters used during the production run.

When replacing an Overload OR the matching Overload Heater it is VITAL to obtain vendor p/n and amperage rating from BOTH parts. When replacing ONLY an Overload Heater, it is VERY IMPORTANT to first obtain vendor information and amperage rating from the existing Overload, Overload Heater, and Motor. It is important to obtain this information to ensure that the correct Overload Heater is selected since Overload Heaters are chosen based upon Motor amperage draw, AND Overload Heaters are NOT interchangeable between series. Also, Overload Heaters DO NOT automatically come with Overloads. OVERLOAD HEATERS MUST BE ORDERED SEPARATELY.

Once vendor and amperage information is obtained, contact Daikin Applied for p/ns.

² When the unit has an Inverter with Bypass (Code 14= 2, 4, 5, 8) the Line Reactors are located in the Bypass Box. When there is no Inverter Bypass Box the Line Reactors are located in the Main Control Power Panel. Line Reactor part numbers are listed in the Supply Air section (Section F).

Section N- Main Control Box

Power Panel— Until 3/05 ⁴

Fan Motor Contactors, Overloads, Fusing Components & Line Reactors, Continued

⁴ Code 08= P, S. Between 10/04 and 3/05 either this Power Panel OR the redesigned MicroTech II Power Panel (Code 08= D, F) could be installed. Check the GO or visually inspect the unit to verify which panel is installed.

15 Horsepower Motor- Code 22 OR 32= M*Y AND Code 10= AL, PW ³

Sch. Sym.	Part Description	Part Number	Voltage				
			208V	230V	380V	460V	575V
	Contactors						
M10, 20	Contactor- Supply (M10), Return (M20) Fan Motor	027514404	1	1			
	Contactor- Supply (M10), Return (M20) Fan Motor	027514402			1	1	1
	Fuse Block and Fuses						
FB10, 20	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780213	1				
	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780209		1			
	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780205			1	1	1
	Fuse- FB10 OR FB20	025860515	3				
	Fuse- FB10 OR FB20	025860514		3			
	Fuse- FB10 OR FB20	025860409			3	3	3
	Overloads and Heaters						
OL10, 20	Overload- Supply (OL10), Return (OL20) Fan Motor						
	Overload	1					
	Heater, Overload	1					
LR10, 20	Line Reactors	2					

20 Horsepower Motor- Code 22 OR 32= N*Y AND Code 10= AL, PW ³

Sch. Sym.	Part Description	Part Number	Voltage				
			208V	230V	380V	460V	575V
	Contactors						
M10, 20	Contactor- Supply (M10), Return (M20) Fan Motor	027514406	1				
	Contactor- Supply (M10), Return (M20) Fan Motor	027514405		1			
	Contactor- Supply (M10), Return (M20) Fan Motor	027514403			1	1	1
	Fuse Block and Fuses						
FB10, 20	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780213	1	1			
	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780210			1	1	1
	Fuse- FB10 OR FB20	025860517	3				
	Fuse- FB10 OR FB20	025860516		3			
	Fuse- FB10 OR FB20	025860411			3	3	
	Fuse- FB10 OR FB20	025860410					3
	Overloads and Heaters						
OL10, 20	Overload- Supply (OL10), Return (OL20) Fan Motor						
	Overload	1					
	Heater, Overload	1					
LR10, 20	Line Reactors	2					

NOTE: Quantities Listed are PER motor.

¹ Note that there have been two different series of Overloads and Overload Heaters used during the production run.

When replacing an Overload OR the matching Overload Heater it is VITAL to obtain vendor p/n and amperage rating from BOTH parts.

When replacing ONLY an Overload Heater, it is VERY IMPORTANT to first obtain vendor information and amperage rating from the existing Overload, Overload Heater, and Motor. It is important to obtain this information to ensure that the correct Overload Heater is selected since Overload Heaters are chosen based upon Motor amperage draw, AND Overload Heaters are NOT interchangeable between series. Also, Overload Heaters DO NOT automatically come with Overloads. OVERLOAD HEATERS MUST BE ORDERED SEPARATELY.

Once vendor and amperage information is obtained, contact Daikin Applied for p/ns.

² When the unit has an Inverter with Bypass (Code 14= 2, 4, 5, 8) the Line Reactors are located in the Bypass Box. When there is no Inverter Bypass Box the Line Reactors are located in the Main Control Power Panel. Line Reactor part numbers are listed in the Supply Air section (Section F).

³ If Code 10= PP, PS contact Daikin Applied with p/n information so that the correct part(s) can be identified. (Rare option.)

Section N- Main Control Box

Power Panel— Until 3/05 ⁴

Fan Motor Contactors, Overloads, Fusing Components & Line Reactors, Continued

⁴ Code 08= P, S. Between 10/04 and 3/05 either this Power Panel OR the redesigned MicroTech II Power Panel (Code 08= D, F) could be installed. Check the GO or visually inspect the unit to verify which panel is installed.

25 Horsepower Motor- Code 22 OR 32= P*Y AND Code 10= AL, PW ³

Sch. Sym.	Part Description	Part Number	Voltage				
			208V	230V	380V	460V	575V
	Contactors						
M10, 20	Contactor- Supply (M10), Return (M20) Fan Motor	027514407	1				
	Contactor- Supply (M10), Return (M20) Fan Motor	027514406		1			
	Contactor- Supply (M10), Return (M20) Fan Motor	027514404			1	1	1
	Fuse Block and Fuses						
FB10, 20	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780218	1				
	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780213		1			
	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780210		1	1	1	
	Fuse- FB10 OR FB20	025860519	3				
	Fuse- FB10 OR FB20	025860518		3			
	Fuse- FB10 OR FB20	025860413			3	3	
	Fuse- FB10 OR FB20	025860411					3
	Overloads and Heaters						
OL10, 20	Overload- Supply (OL10), Return (OL20) Fan Motor						
	Overload	1					
	Heater, Overload	1					
LR10, 20	Line Reactors	2					

NOTE: Quantities Listed are PER motor.

¹ Note that there have been two different series of Overloads and Overload Heaters used during the production run.

When replacing an Overload OR the matching Overload Heater it is VITAL to obtain vendor p/n and amperage rating from BOTH parts.

When replacing ONLY an Overload Heater, it is VERY IMPORTANT to first obtain vendor information and amperage rating from the existing

Overload, Overload Heater, and Motor. It is important to obtain this information to ensure that the correct Overload Heater is selected since

Overload Heaters are chosen based upon Motor amperage draw, AND Overload Heaters are NOT interchangeable between series. Also,

Overload Heaters DO NOT automatically come with Overloads. OVERLOAD HEATERS MUST BE ORDERED SEPARATELY.

Once vendor and amperage information is obtained, contact Daikin Applied for p/ns.

² When the unit has an Inverter with Bypass (Code 14= 2, 4, 5, 8) the Line Reactors are located in the Bypass Box. When there is no Inverter Bypass Box the Line Reactors are located in the Main Control Power Panel. Line Reactor part numbers are listed in the Supply Air section (Section F).

³ If Code 10= PP, PS contact Daikin Applied with p/n information so that the correct part(s) can be identified. (Rare option.)

Section N- Main Control Box

Power Panel— Until 3/05 ⁵

Fan Motor Contactors, Overloads, Fusing Components & Line Reactors, Continued

⁵ Code 08= P, S. Between 10/04 and 3/05 either this Power Panel OR the redesigned MicroTech II Power Panel (Code 08= D, F) could be installed. Check the GO or visually inspect the unit to verify which panel is installed.

30 Horsepower Motor- Code 22 OR 32= Q*Y AND Code 10= AL, PW ⁴

Sch. Sym.	Part Description	Part Number	Voltage				
			208V	230V	380V	460V	575V
	Contactors						
M10, 20	Contactor- Supply (M10), Return (M20) Fan Motor	027514405	1				
	Contactor- Supply (M10), Return (M20) Fan Motor	027514407	1				
	Contactor- Supply (M10), Return (M20) Fan Motor	027514404		1	1	1	
	Fuse Block and Fuses						
FB10, 20	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780213 ³	1				
	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780218	1				
	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780210		1	1	1	
	Fuse- FB10 OR FB20	025860515 ³	3				
	Fuse- FB10 OR FB20	025860520	3				
	Fuse- FB10 OR FB20	025860414		3	3		
	Fuse- FB10 OR FB20	025860413				3	
	Overloads and Heaters						
OL10, 20	Overload- Supply (OL10), Return (OL20) Fan Motor						
	Overload	1					
	Heater, Overload	1					
LR10, 20	Line Reactors	2					

NOTE: Quantities Listed are PER motor.

¹ Note that there have been two different series of Overloads and Overload Heaters used during the production run.

When replacing an Overload OR the matching Overload Heater it is VITAL to obtain vendor p/n and amperage rating from BOTH parts.

When replacing ONLY an Overload Heater, it is VERY IMPORTANT to first obtain vendor information and amperage rating from the existing Overload, Overload Heater, and Motor. It is important to obtain this information to ensure that the correct Overload Heater is selected since Overload Heaters are chosen based upon Motor amperage draw, AND Overload Heaters are NOT interchangeable between series. Also, Overload Heaters DO NOT automatically come with Overloads. OVERLOAD HEATERS MUST BE ORDERED SEPARATELY.

Once vendor and amperage information is obtained, contact Daikin Applied for p/ns.

² When the unit has an Inverter with Bypass (Code 14= 2, 4, 5, 8) the Line Reactors are located in the Bypass Box. When there is no Inverter Bypass Box the Line Reactors are located in the Main Control Power Panel. Line Reactor part numbers are listed in the Supply Air section (Section F).

³ This part number is used for a Motor with no Inverter. If the 208V unit has an Inverter use Fuse Block p/n 023780218 and Fuse p/n 025860520.

⁴ If Code 10= PP, PS contact Daikin Applied with p/n information so that the correct part(s) can be identified. (Rare option.)

Section N- Main Control Box

Power Panel— Until 3/05 ⁶

Fan Motor Contactors, Overloads, Fusing Components & Line Reactors, Continued

⁶ Code 08= P, S. Between 10/04 and 3/05 either this Power Panel OR the redesigned MicroTech II Power Panel (Code 08= D, F) could be installed. Check the GO or visually inspect the unit to verify which panel is installed.

40 Horsepower Motor- Code 22 OR 32= R*Y AND Code 10= AL, PW ⁵

Sch. Sym.	Part Description	Part Number	Voltage				
			208V	230V	380V	460V	575V
	Contactors						
M9,10 ⁴ M19, 20	Contactor- Supply (M9, 10), Return (M19, 20) Fan Motor	027514406	2	2	1	1	1
	Fuse Block and Fuses						
FB9,10 ⁴ FB19, 20	Fuse Block- Supply (FB9, 10), Return (FB19, 20) Fan Motor	023780213	2 ³	2			
	Fuse Block- Supply (FB9, 10), Return (FB19, 20) Fan Motor	023780212			1	1	1
	Fuse- FB9,10, 19, 20	025860516	6 ³	6	3	3	
	Fuse- FB9,10, 19, 20	025860415					3
	Overloads and Heaters						
OL9,10 ⁴ OL19, 20	Overload- Supply (OL9,10), Return (OL19, 20) Fan Motor						
	Overload	1					
	Heater, Overload	1					
LR10, 20	Line Reactors	2					

NOTE: Quantities Listed are PER motor.

¹ Note that there have been two different series of Overloads and Overload Heaters used during the production run.

When replacing an Overload OR the matching Overload Heater it is VITAL to obtain vendor p/n and amperage rating from BOTH parts.

When replacing ONLY an Overload Heater, it is VERY IMPORTANT to first obtain vendor information and amperage rating from the existing Overload, Overload Heater, and Motor. It is important to obtain this information to ensure that the correct Overload Heater is selected since Overload Heaters are chosen based upon Motor amperage draw, AND Overload Heaters are NOT interchangeable between series. Also, Overload Heaters DO NOT automatically come with Overloads. OVERLOAD HEATERS MUST BE ORDERED SEPARATELY.

Once vendor and amperage information is obtained, contact Daikin Applied for p/ns.

² When the unit has an Inverter with Bypass (Code 14= 2, 4, 5, 8) the Line Reactors are located in the Bypass Box. When there is no Inverter Bypass Box the Line Reactors are located in the Main Control Power Panel. Line Reactor part numbers are listed in the Supply Air section (Section F).

³ This part number is used for a motor with no Inverter. If the 208V unit has an Inverter use Fuse Block p/n 023780218 and Fuse p/n 025860521.

⁴ M9, M19, FB9, FB19, AND OL9, OL19 are only used on 208/230V motors.

⁵ If Code 10= PP, PS contact Daikin Applied with p/n information so that the correct part(s) can be identified. (Rare option.)

Section N- Main Control Box

Power Panel— Until 3/05 ⁶

Fan Motor Contactors, Overloads, Fusing Components & Line Reactors, Continued

⁶ Code 08= P, S. Between 10/04 and 3/05 either this Power Panel OR the redesigned MicroTech II Power Panel (Code 08= D, F) could be installed. Check the GO or visually inspect the unit to verify which panel is installed.

50 Horsepower Motor- Code 22 OR 32= S AND Code 10= AL, PW ⁵

Sch. Sym.	Part Description	Part Number	Voltage				
			208V	230V	380V	460V	575V
	Contactors						
M9, 10 ⁴ M19, 20	Contactor- Supply (M9, 10), Return (M19, 20) Fan Motor	027514407	2	2	1	1	1
	Fuse Block and Fuses						
FB9, 10 ⁴ FB19, 20	Fuse Block- Supply (FB9, 10), Return (FB19, 20) Fan Motor	023780213	2 ³	2			
	Fuse Block- Supply Fan Motor	023780212			1	1	1
	Fuse- FB9, 10, 19, 20	025860518	6 ³	6	3	3	
	Fuse- FB9, 10, 19, 20	025860416					3
	Overloads and Heaters						
OL9, 10 ⁴ OL19, 20	Overload- Supply (OL9, 10), Return (OL19, 20) Fan Motor						
	Overload	1					
	Heater, Overload	1					
LR10, 20	Line Reactors	2					

NOTE: Quantities Listed are PER motor.

¹ Note that there have been two different series of Overloads and Overload Heaters used during the production run.

When replacing an Overload OR the matching Overload Heater it is VITAL to obtain vendor p/n and amperage rating from BOTH parts.

When replacing ONLY an Overload Heater, it is VERY IMPORTANT to first obtain vendor information and amperage rating from the existing Overload, Overload Heater, and Motor. It is important to obtain this information to ensure that the correct Overload Heater is selected since Overload Heaters are chosen based upon Motor amperage draw, AND Overload Heaters are NOT interchangeable between series. Also, Overload Heaters DO NOT automatically come with Overloads. OVERLOAD HEATERS MUST BE ORDERED SEPARATELY.

Once vendor and amperage information is obtained, contact Daikin Applied for p/ns.

² When the unit has an Inverter with Bypass (Code 14= 2, 4, 5, 8) the Line Reactors are located in the Bypass Box. When there is no Inverter Bypass Box the Line Reactors are located in the Main Control Power Panel. Line Reactor part numbers are listed in the Supply Air section (Section F).

³ This part number is used for a Motor with no Inverter. If the 208V unit has an Inverter use Fuse Block p/n 023780218 and Fuse p/n 025860523.

⁴ M9, M10, FB9 FB19, OL9 and OL19 are only used on 208/230V motors.

⁵ If Code 10= PP, PS contact Daikin Applied with p/n information so that the correct part(s) can be identified. (Rare option.)

Section N- Main Control Box

Power Panel— Until 3/05 ⁵

Fan Motor Contactors, Overloads and Fusing Components, Continued

⁵ Code 08= P, S. Between 10/04 and 3/05 either this Power Panel OR the redesigned MicroTech II Power Panel (Code 08= D, F) could be installed. Check the GO or visually inspect the unit to verify which panel is installed.

60 Horsepower Motor- Code 22 OR 32= S AND Code 10= AL, PW ⁴

Sch. Sym.	Part Description	Part Number	Voltage				
			208V	230V	380V	460V	575V
	Contactors						
M9, 10							
M19, 20	Contactor- Supply (M10), Return (M20) Fan Motor	027514408	2	2			
	Contactor- Supply Fan Motor	027514405			2	2	2
	Fuse Block and Fuses						
FB9,10							
FB19, 20	Fuse Block- Supply (FB9,10), Return (FB19,20) Fan Motor	023780213	2	2			
	Fuse Block- Supply Fan Motor	023780210			2 ³	2 ³	2
	Fuse- FB9,10, 19, 20	025860518	6	6			
	Fuse- FB9,10, 19, 20	025860414			6 ³	6 ³	
	Fuse- FB9,10, 19, 20	025860413					3
	Overloads and Heaters						
OL9,10							
OL19, 20	Overload- Supply (OL9,10), Return (OL19,20) Fan Motor						
	Overload	1					
	Heater, Overload	1					
LR10, 20	Line Reactors	2					

NOTE: Quantities Listed are PER motor.

¹ Note that there have been two different series of Overloads and Overload Heaters used during the production run. When replacing an Overload OR the matching Overload Heater it is VITAL to obtain vendor p/n and amperage rating from BOTH parts. When replacing ONLY an Overload Heater, it is VERY IMPORTANT to first obtain vendor information and amperage rating from the existing Overload, Overload Heater, and Motor. It is important to obtain this information to ensure that the correct Overload Heater is selected since Overload Heaters are chosen based upon Motor amperage draw, AND Overload Heaters are NOT interchangeable between series. Also, Overload Heaters DO NOT automatically come with Overloads. OVERLOAD HEATERS MUST BE ORDERED SEPARATELY.

Once vendor and amperage information is obtained, contact Daikin Applied for p/ns.

² When the unit has an Inverter with Bypass (Code 14= 2, 4, 5, 8) the Line Reactors are located in the Bypass Box. When there is no Inverter Bypass Box the Line Reactors are located in the Main Control Power Panel. Line Reactor part numbers are listed in the Supply Air section (Section F).

³ This part number is used for a Motor with no Inverter. If a 380V or 460V unit has an Inverter use Fuse Block p/n 023780212 and Fuse p/n 025860418.

⁴ If Code 10= PP, PS contact Daikin Applied with p/n information so that the correct part(s) can be identified. (Rare option.)

Section N- Main Control Box

Power Panel— Until 3/05 ⁵

Fan Motor Contactors, Overloads and Fusing Components, Continued

⁵ Code 08= P, S. Between 10/04 and 3/05 either this Power Panel OR the redesigned MicroTech II Power Panel (Code 08= D, F) could be installed. Check the GO or visually inspect the unit to verify which panel is installed.

75 Horsepower Motor- Code 32= S AND Code 10= AL, PW ⁴

Sch. Sym.	Part Description	Part Number	Voltage	
			460V	575V
	Contactors			
M9, 10	Contactor- Supply Fan Motor	027514406	2	2
	Fuse Block and Fuses			
FB9, 10	Fuse Block- Supply Fan Motor	023780210	2 ³	2
	Fuse- FB9,10	025860514	6 ³	6
	Overloads and Heaters			
OL9, 10	Overload- Supply Fan Motor			
	Overload	1		
	Heater- Overload	1		
LR10	Line Reactors	2		

NOTE: Quantities Listed are PER motor.

¹ Note that there have been two different series of Overloads and Overload Heaters used during the production run. When replacing an Overload OR the matching Overload Heater it is VITAL to obtain vendor p/n and amperage rating from BOTH parts. When replacing ONLY an Overload Heater, it is VERY IMPORTANT to first obtain vendor information and amperage rating from the existing Overload, Overload Heater, and Motor. It is important to obtain this information to ensure that the correct Overload Heater is selected since Overload Heaters are chosen based upon Motor amperage draw, AND Overload Heaters are NOT interchangeable between series. Also, Overload Heaters DO NOT automatically come with Overloads. OVERLOAD HEATERS MUST BE ORDERED SEPARATELY.

Once vendor and amperage information is obtained, contact Daikin Applied for p/ns.

² When the unit has an Inverter with Bypass (Code 14= 2, 4, 5, 8) the Line Reactors are located in the Bypass Box. When there is no Inverter Bypass Box the Line Reactors are located in the Main Control Power Panel. Line Reactor part numbers are listed in the Supply Air section (Section F).

³ This part number is used for a Motor with no Inverter. If the 460V unit has an Inverter use Fuse Block p/n 023780215 and Fuse p/n 025860420.

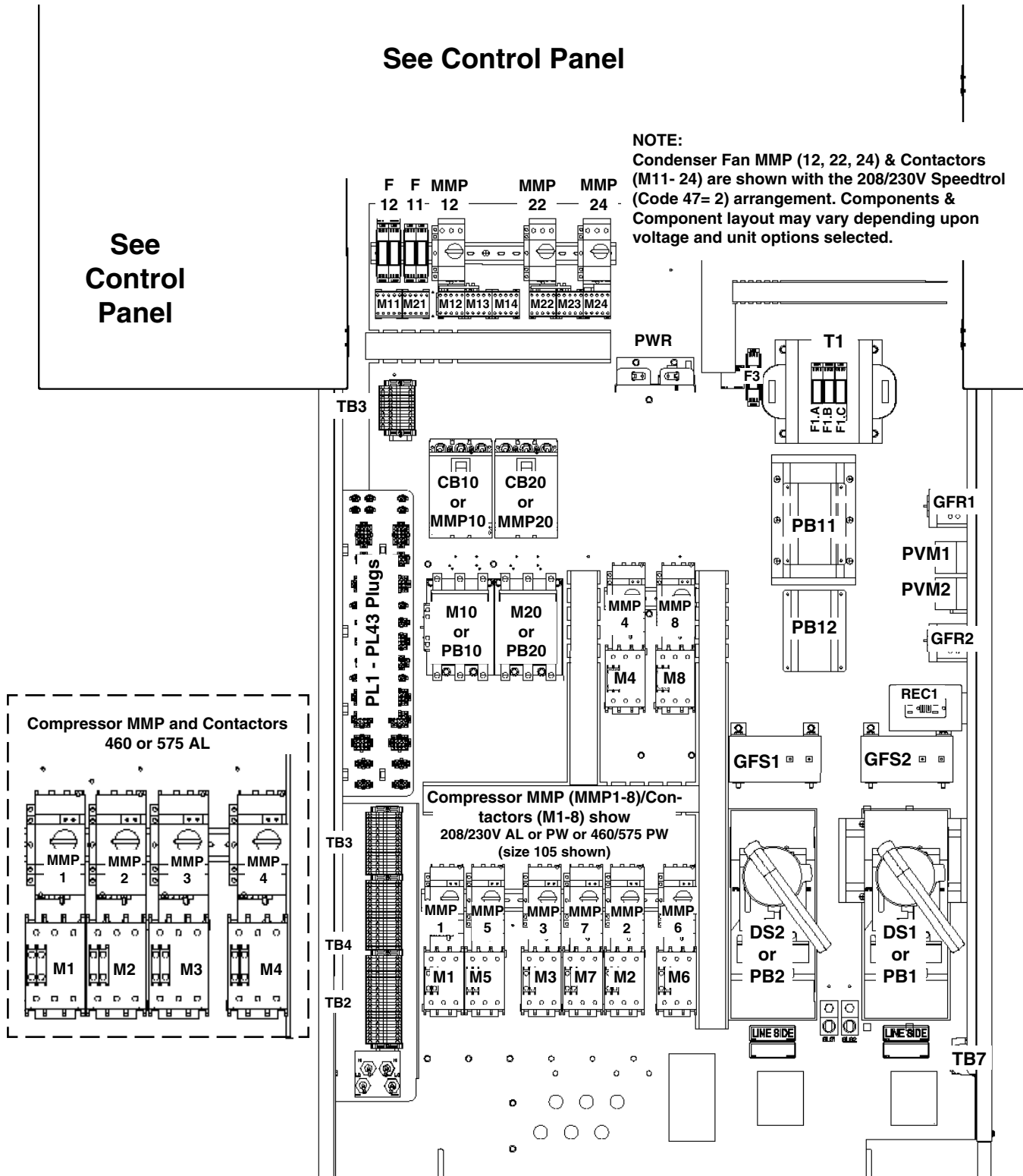
⁴ If Code 10= PP, PS contact Daikin Applied with p/n information so that the correct part(s) can be identified. (Rare option.)

Section N- Main Control Box

Power Panel 10/04 thru 12/04 ¹

Units with Semihermetic Compressors (Code 44= H, K) Diagram

¹ The single RPS control box (Code 12= D, F) was used on some units prior to the change from semihermetic to scroll compressors. Unit size 105 shown. Components and component location may vary depending upon unit size.



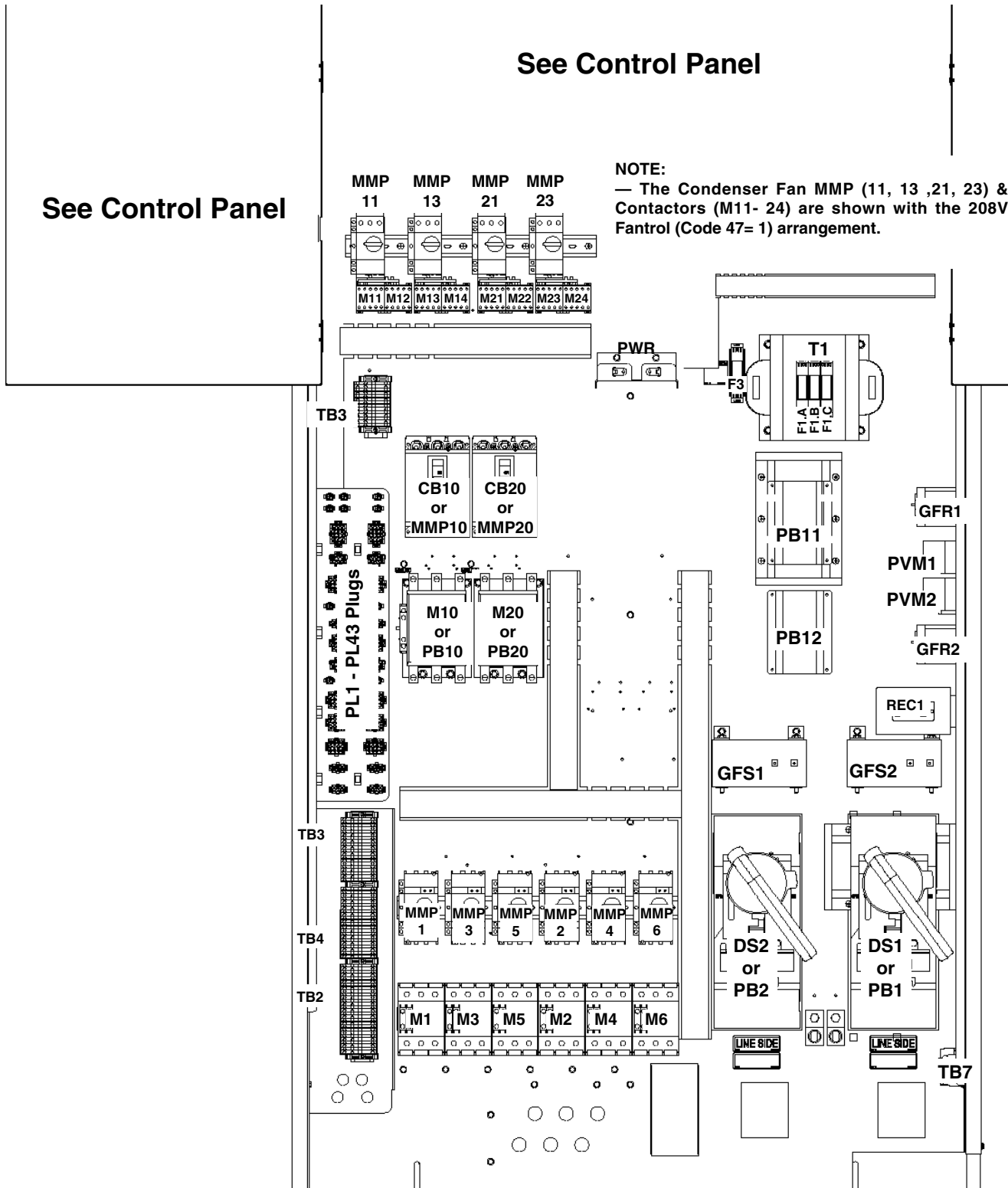
Section N- Main Control Box

Unit Sizes 080- 105 Power Panel 3/05 thru 10/06 ¹

Units with Scroll Compressors (Code 44= Z, T)

Diagram

¹ Code 08= D, F. Between 10/04 & 3/05 either this Power Panel OR the original MicroTech Power Panel (Code 08= P, S) could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.

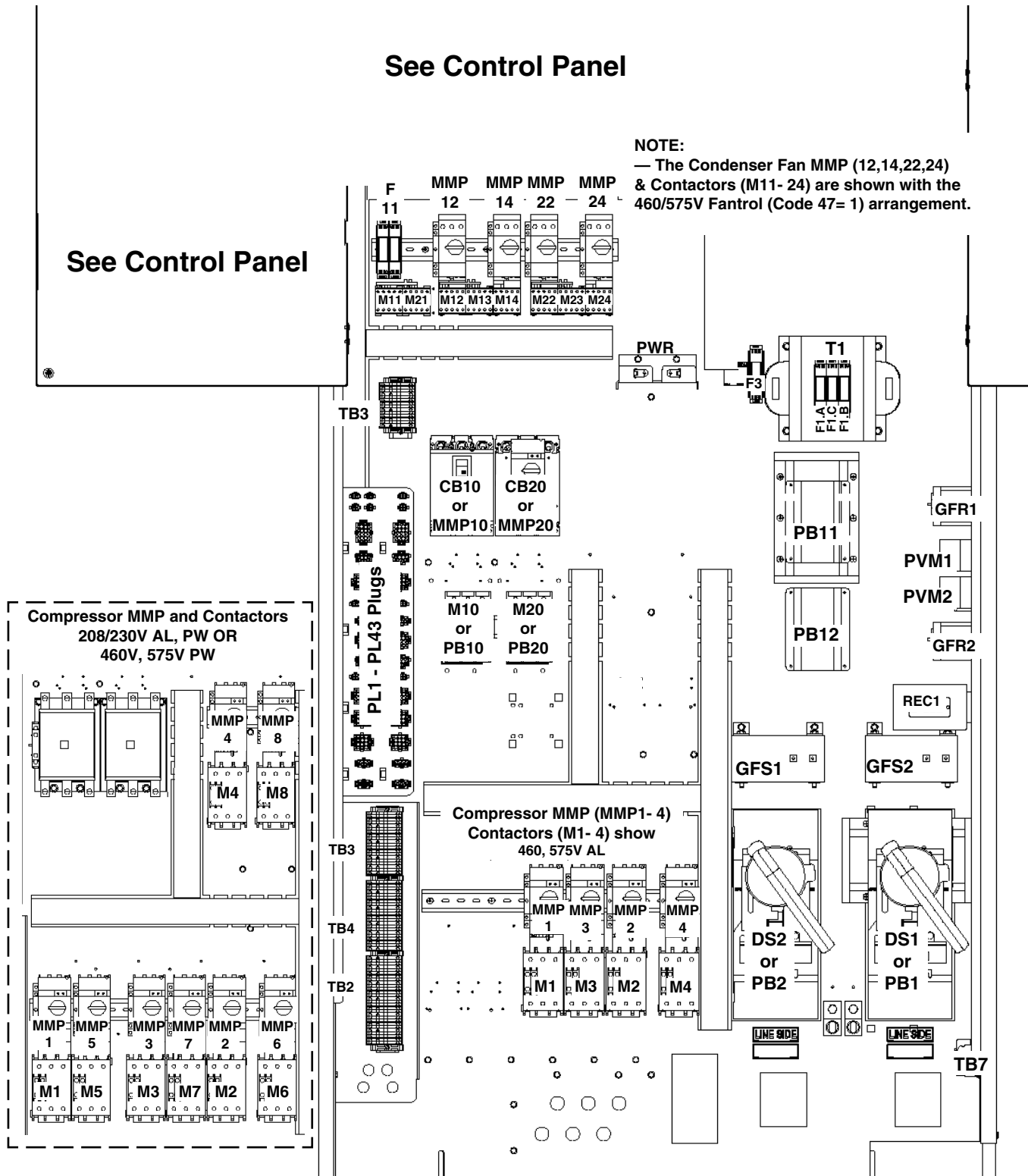


Section N- Main Control Box

Unit Sizes 115- 135 Power Panel 3/05 thru 10/06 ¹

Diagram

¹ Code 08= D, F. Between 10/04 & 3/05 either this Power Panel OR the original MicroTech II Power Panel (Code 08= P, S) could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.



Section N- Main Control Box

Power Panel 3/05 thru 10/06 ²

Common Components

² Code 08= D, F. Between 10/04 & 3/05 either this Power Panel OR the original MicroTech II Power Panel (Code 08= P, S) could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.

Power Panel- Terminal Blocks, T1 Transformer & Fusing, Power Supply, Ground Fault

Sch. Sym.	Part Description	Part Number	Voltage			
			208V	230V	460V	575V
	Terminal Blocks					
TB2	Terminal Block- Field	349930603	1	1	1	1
TB3	Terminal Block- Factory	349930603	1	1	1	1
TB4	Terminal Block- RFS Field	349930603	1	1	1	1
TB7	Terminal Block- Field Convenience Outlet	349930603	1	1	1	1
	Transformer- Main					
T1	Transformer- Main Control					
	Electric, Hydronic, No Heat Code 04= E, S, W, Y					
	Units without UV Lights	038253966	1			
	Units without UV Lights	038253991		1	1	1
	Units with UV Lights Code 17 (2nd digit)= 1- 8	038253967	1			
	Units with UV Lights Code 17 (2nd digit)= 1- 8	038253992		1	1	1
	Gas Heat Code 04= A					
	Units without UV Lights	038253967	1			
	Units without UV Lights	038253992		1	1	1
	Units with UV Lights Code 17 (2nd digit)= 1- 8	038253968	1			
	Units with UV Lights Code 17 (2nd digit)= 1- 8	038253959		1		
	Units with UV Lights Code 17 (2nd digit)= 1- 8	038253993				1
	Fuses- T1					
F1.A,B	Fuse- T1 Transformer, Primary					
	Electric, Hydronic, No Heat Code 04= E, S, W, Y					
	Units without UV Lights	349937133		2		
	Units without UV Lights	349937135	2			
	Units without UV Lights	349937129			2	
	Units without UV Lights	349937127				2
	Units with UV Lights Code 17 (2nd digit)= 1- 8	349937136	2	2		
	Units with UV Lights Code 17 (2nd digit)= 1- 8	349937132			2	
	Units with UV Lights Code 17 (2nd digit)= 1- 8	349937130				2
	Gas Heat Code 04= A					
	Units without UV Lights	349937136	2	2		
	Units without UV Lights	349937132			2	
	Units without UV Lights	349937130				2
	Units with UV Lights Code 17 (2nd digit)= 1- 8	349937137	2			
	Units with UV Lights Code 17 (2nd digit)= 1- 8	349937133		2	2	
	Units with UV Lights Code 17 (2nd digit)= 1- 8	349937132				2
F1.C	Fuse- T1 Transformer, Secondary	349937035	1	1	1	1
F3	Fuse- Burner Blower Motor Code 04= A					
	Fuse Block	023780223	1	1	1	1
	Fuse 200- 1000 mbh furnace	349937035	1	1	1	1
	Fuse 1100- 2000 mbh furnace	349937036	1	1	1	1
	Fuse Cover	349938207	1	1	1	1
	Power Supply Board					
PWR	Power Supply Board 5V	111049610	1	1	1	1
	Ground Fault Protection Code 17= G,B,C,D,K					
GFR1, 2	Ground Fault Relay- SPDT	349937502	1	1	1	1
GFS1, 2	Ground Fault Sensor	349937407	1	1	1	1

¹ Varies depending on unit options. Part number is for one individual section. Ground Block is p/n 349930604.

Section N- Main Control Box

Power Panel 3/05 thru 10/06 ²

Common Components, Continued

² Code 08= D, F. Between 10/04 & 3/05 either this Power Panel OR the original MicroTech II Power Panel (Code 08= P, S) could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.

Power Panel- Phase Protection, Power Blocks

Sch. Sym.	Part Description	Part Number	Voltage			
			208V	230V	460V	575V
	Phase Voltage Monitor Code 17= P,A,C,D,H,J,K					
PVM1, 2	Phase Voltage Monitor	112022001	1	1	1	
	Phase Voltage Monitor	112022002				1
	Power Blocks					
PB1, PB2	Power Block- Main Code 11= P1, Q1					
	Power Block- 175A ¹	030372710	1	1	1	1
	Cover- 175A Block	349938301	1	1	1	1
	Lug- 175A Block	349938001	1	1	1	1
	Power Block- 255A ¹	030372734	1	1	1	1
	Cover- 255A Block	349938302	1	1	1	1
	Lug- 255A Block	349938001	1	1	1	1
	Power Block- 380A ¹	030372751	1	1	1	1
	Cover- 380A Block	349938302	1	1	1	1
	Lug- 380A Block	349938001	1	1	1	1
	Power Block- 420A ¹	030372752	1	1	1	1
	Cover- 420A Block	349938302	1	1	1	1
	Lug- 420A Block	349938002	1	1	1	1
	Power Block- 620A ¹	030372701	1	1	1	1
	Cover- 620A Block	349938303	3	3	3	3
	Lug- 620A Block	349938002	1	1	1	1
	Power Block- 760A ¹	030372760	1	1	1	1
	Cover- 760A Block	349938303	3	3	3	3
	Lug- 760A Block	349938003	1	1	1	1
	Power Block- 840A ¹	030372724	1	1	1	1
	Cover- 840A Block	349938303	3	3	3	3
	Lug- 840A Block	349938003	1	1	1	1
PB11	Power Block- Power Distribution					
	Power Block- 175A ¹	030372705	1	1	1	1
	Cover- 175A Block	349938301	1	1	1	1
	Power Block- 310A ¹	030372749	1	1	1	1
	Cover- 310A Block	349938302	1	1	1	1
	Power Block- 420A ¹	030372752	1	1	1	1
	Cover- 420A Block	349938302	1	1	1	1
	Power Block- 760A ¹	030372728	1	1	1	1
	Cover- 760A Block	349938303	1	1	1	1
PB12	Power Block- Power Distribution Code 04= E					
	20, 40 KW Electric Heat	030372730	1	1	1	1
	60, 80, 100 KW Electric Heat	030372744	1	1		
	60, 80, 100 KW Electric Heat	030372730			1	1
	120 KW Electric Heat	030372752	1	1		
	120, 160 KW Electric Heat	030372744			1	1
	200, 240, 280, 320 KW Electric Heat	030372752			1	1
PB10	Power Block- Supply Fan Code 15= F	030372729	1	1	1	1
PB20	Power Block- Return Fan Code 15= F	030372729	1	1	1	1

¹ Any of the listed parts may be used, depending on unit options. Check installed part to verify, or contact Daikin Applied with unit serial and/or GO number to ensure correct replacement is selected. PB2 is installed when code 11= Q1.

Section N- Main Control Box

Power Panel 3/05 thru 10/06 ⁵

Common Components, Continued

⁵ Code 08= D, F. Between 10/04 & 3/05 either this Power Panel OR the original MicroTech II Power Panel (Code 08= P, S) could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.

Power Panel- Receptacle, Disconnect Switch

Sch. Sym.	Part Description	Part Number	Voltage			
			208V	230V	460V	575V
	Receptacles					
REC1	Receptacle	039003100	1	1	1	1
	Disconnect Switch					
DS1	Disconnect Switch- Main Code 11= A2, C2, D2					
DS2	Disconnect Switch- RAF/SAF Code 11= C2, D2					
	Switch- 100A ^{1,3}	349935101	1	1	1	1
	Lugs	349935901	3 ²	3 ²	3 ²	3 ²
	Lug	300041488	1	1	1	1
	Handle	349935501	1	1	1	1
	Ground Lug	349938001	1	1	1	1
	Switch- 150A ¹	349935102	1	1	1	1
	Lugs	349935901	6 ²	6 ²	6 ²	6 ²
	Handle	349935501	1	1	1	1
	Ground Lug	349938001	1	1	1	1
	Switch- 250A ¹	349935201	1	1	1	1
	Lugs	349936001	6 ²	6 ²	6 ²	6 ²
	Handle	349935501	1	1	1	1
	Ground Lug	349938001	1	1	1	1
	Switch- 400A ¹	349935301	1	1	1	1
	Lugs	349936201	2 ²	2 ²	2 ²	2 ²
	Handle	349935602	1	1	1	1
	Ground Lug	349938002	1	1	1	1
	Switch- 600A ¹	349935302	1	1	1	1
	Lugs	349936201	2 ²	2 ²	2 ²	2 ²
	Handle	349935602	1	1	1	1
	Ground Lug	349938002	1	1	1	1
	Switch- 800A ¹	349935401	1	1	1	1
	Lugs	349936401	6	6	6	6
	Handle	349935701	1	1	1	1
	Ground Lug	349938003	1	1	1	1
	Switch- 1200A ^{1,4}	349935403	1	1	1	1
	Lugs	349936501	6	6	6	6
	Handle	349935701	1	1	1	1
	Ground Lug	349938003	1	1	1	1

¹ Any of the listed Disconnects may be used, depending on unit options. Check installed part to verify, or contact Daikin Applied with unit serial and/or GO number to ensure correct replacement is selected.

² The Lug quantities listed are for the DS1. DS2 use ½ the quantity plus an additional Lug: 150A Lug p/n 300041488; 250A Lug p/n 349936101; 400A Lug p/n TACL40PD3; 600A Lug p/n 349936301.

³ DS2 only.

⁴ DS1 only.

Section N- Main Control Box

Power Panel 3/05 thru 10/06 ¹¹

Common Components, Continued

¹¹ Code 08= D, F. Between 10/04 & 3/05 either this Power Panel OR the original MicroTech II Power Panel (Code 08= P, S) could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.

Power Panel- Plugs

Sch. Sym.	Part Description	Part Number	Voltage			
			208V	230V	460V	575V
	Plugs ³					
4	4 Pin Plug	349930201	varies	varies	varies	varies
5	6 Pin Plug	349930403	varies	varies	varies	varies
6	12 Pin Plug	349930405	varies	varies	varies	varies
7	3 Pin Cap Kit	349930501	varies	varies	varies	varies
8	6 Pin Cap Kit	349930503	varies	varies	varies	varies
9	9 Pin Cap Kit	349930504	varies	varies	varies	varies
10	15 Pin Cap Kit	349930506	varies	varies	varies	varies

³ All possible Plugs used are listed. Check actual unit to verify which Plug is required.

⁴ Used for PL1, PL 2, PL3, PL4, PL5, PL6, PL22, PL23, PL24, PL37, PL38.

⁵ Used with Strain Relief (p/n 300041173) & 6 Pin Cap Kit (p/n 349930503). Used for PL20, PL21.

⁶ Used for PL11, PL12, PL25, PL26, PL27, PL28, PL29, PL30 (PL11 & 12 also use Strain Relief p/n 300041175 & Cap Kit p/n 349930505).

⁷ Used for PL16, PL17, PL31, PL32, PL33, PL34, PL39, PL40, PL41, PL42.

⁸ Used for PL9, PL10.

⁹ Used for PL18, PL19, PL35, PL36, PL43.

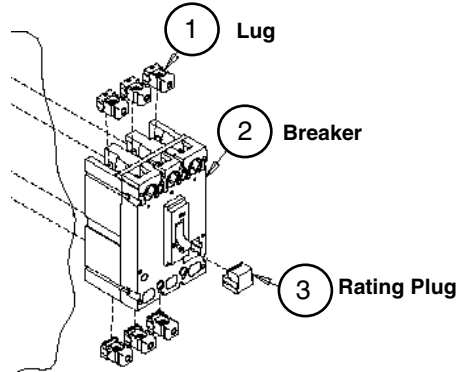
¹⁰ Used for PL7, PL8.

Section N- Main Control Box

Power Panel 3/05 thru 10/06 ²

Common Components, Continued

² Code 08= D, F. Between 10/04 & 3/05 either this Power Panel OR the original MicroTech II Power Panel (Code 08= P, S) could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.



Circuit Breakers- Motor Horsepower 2- 25 ¹

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1		Lug	349935901	6	6	6	6
2	CB10 CB20	Circuit Breaker- Supply Fan Circuit Breaker- Return Fan					
		Motor HP= 5, 7.5	349936601	1	1	1	1
		Motor HP= 10, 15	349936602	1	1		
		Motor HP= 10, 15	349936601			1	1
		Motor HP= 20, 25	349936603	1	1		
		Motor HP= 20, 25	349936602			1	
		Motor HP= 20	349936601				1
		Motor HP= 25	349936602				1
3		Plug- Rating					
		Motor HP= 5	349936702	1	1		
		Motor HP= 5, 7.5	349936701			1	1
		Motor HP= 7.5	349936704	1	1		
		Motor HP= 10	349936705	1	1		
		Motor HP= 10	349936702			1	
		Motor HP= 10	349936701				1
		Motor HP= 15	349936707	1	1		
		Motor HP= 15	349936704			1	
		Motor HP= 15	349936702				1
		Motor HP= 20	349936709	1			
		Motor HP= 20	349936708		1		
		Motor HP= 25	349936710	1			
		Motor HP= 25	349936709		1		
		Motor HP= 20, 25	349936705			1	
		Motor HP= 20	349936704				1
		Motor HP= 25	349936705				1

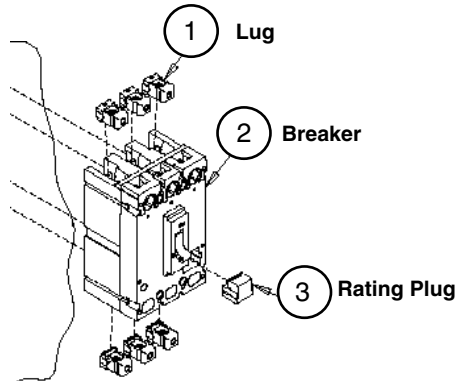
¹ Circuit Breakers are only used when a Fan Motor has an Inverter (Code 14= 1- 9, X).

Section N- Main Control Box

Power Panel 3/05 thru 10/06 ²

Common Components, Continued

² Code 08= D, F. Between 10/04 & 3/05 either this Power Panel OR the original MicroTech II Power Panel (Code 08= P, S) could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.



Circuit Breakers- Motor Horsepower 30- 50 ¹

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1		Lug	349935901	6	6	6	6
2	CB10	Circuit Breaker- Supply Fan					
	CB20	Circuit Breaker- Return Fan					
		Motor HP= 30	349936602			1	
		Motor HP= 30	349936603		1		
		Motor HP= 30, 40	349936604	1			
		Motor HP= 40	349936604		1		
		Motor HP= 40, 50	349936603			1	
		Motor HP= 30, 40, 50	349936602				1
		Motor HP= 60, 75	349936603			1	1
3		Plug- Rating					
		Motor HP= 30	349936705				1
		Motor HP= 30	349936706			1	
		Motor HP= 30	349936711		1		
		Motor HP= 30	349936712	1			
		Motor HP= 40	349936714	1	1		
		Motor HP= 40	349936708			1	
		Motor HP= 40	349936706				1
		Motor HP= 50	349936707				1
		Motor HP= 50	349936709			1	
		Motor HP= 60	349936709				1
		Motor HP= 60	349936710			1	
		Motor HP= 75	349936711			1	1

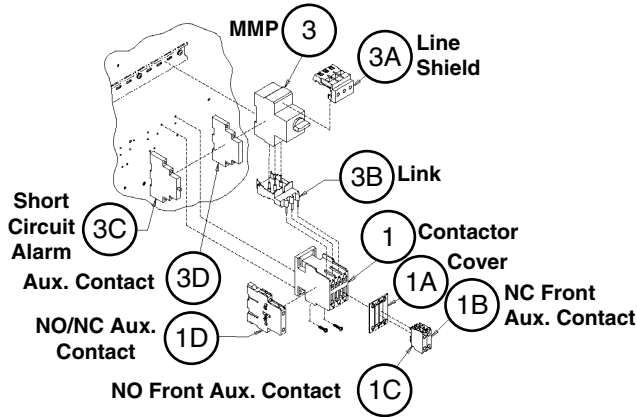
¹ Circuit Breakers are only used when a Fan Motor has an Inverter (Code 14= 1- 9, X).

Section N- Main Control Box

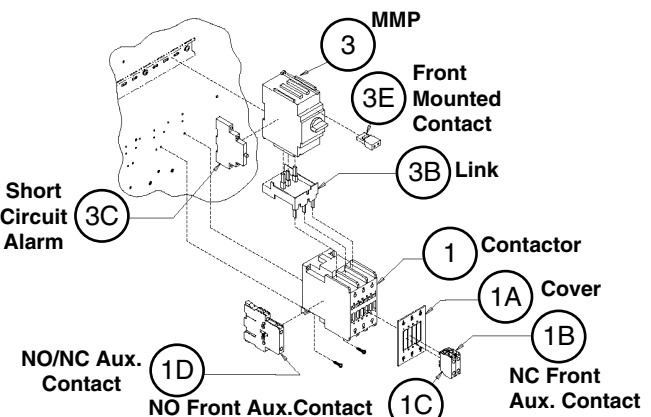
Power Panel 3/05 thru 10/06 ¹

Supply MMP10 & M10 Fan Contactor & Return MMP20 & M20 Fan Contactor Diagrams

¹ Code 08= D, F. Between 10/04 & 3/05 either this Power Panel OR the original MicroTech II Power Panel (Code 08= P, S) could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.

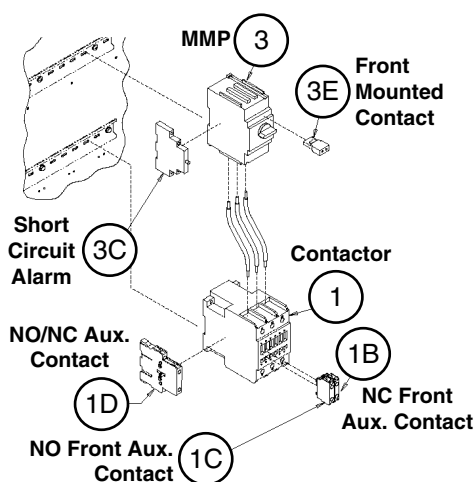


MMP10 & M10 Link Detail
MMP20 & M20 Link Detail
 5 HP Motors- All Voltages
 7.5 HP Motor- 230/460/575V
 10, 15HP Motors- 460/575V

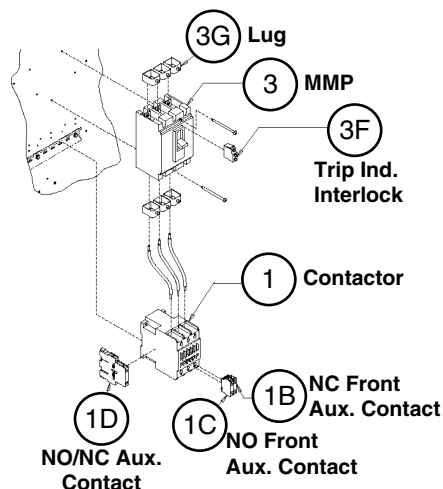


MMP10 & M10 Link Detail
MMP20 & M20 Link Detail
 7.5 HP Motors- 208V
 10, 15HP Motors- 208/230V
 20, 25, 30 HP Motors- 460/575V
 40 HP Motors- 575V

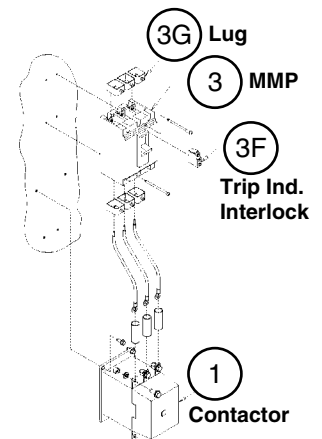
NOTE: The diagrams show all possible parts. Not every part shown applies to every unit size/voltage combination.



MMP10 & M10 Link Detail
MMP20 & M20 Link Detail
 20 HP Motors- 208/230V
 25 HP Motors- 230V
 40 HP Motors- 460V
 50 HP Motors- 460/575V
 60HP Motors- 575V



MMP10 & M10 Link Detail
MMP20 & M20 Link Detail
 25 HP Motors- 208V
 30 HP Motors- 208/230V
 40 HP Motors- 230V
 60 HP Motors- 460V
 75 HP Motors- 460/575V



MMP10 & M10 Link Detail
 40 HP Motors- 208V
 50 HP Motors- 208/230V
 60HP- 208/230V

Section N- Main Control Box

Power Panel 3/05 thru 10/06 ¹

Supply MMP10 & M10 Fan Contactor & Return MMP20 & M20 Fan Contactor Components

¹ Code 08= D, F. Between 10/04 & 3/05 either this Power Panel OR the original MicroTech II Power Panel (Code 08= P, S) could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.

5 HP Motor- Code 22 OR 32= JEY, JFY, JHY, JJY, JKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) OR Return (M20) Fan	349932301	1			
		Contactor- Supply (M10) OR Return (M20) Fan	349932201		1		
		Contactor- Supply (M10) OR Return (M20) Fan	349932102			1	1
1A		Cover- Contactor	349932803	1			
		Cover- Contactor	349932802		1		
		Cover- Contactor	349932801			1	1
3	MMP10, 20	MMP- Supply (MMP10) OR Return (MMP20) Fan	349934012	1	1		
		MMP- Supply (MMP10) OR Return (MMP20) Fan	349934010			1	
		MMP- Supply (MMP10) OR Return (MMP20) Fan	349934009				1
3A		Line Shield	349933001	1	1	1	1
3B		Link	349932904	1			
		Link	349932902		1	1	1
3C		Short Circuit Alarm	349933903	1	1	1	1
3D		Aux. Interlock- 1 NO/1 NC	349933902	1	1	1	1

7.5 HP Motor- Code 22 OR 32= KEY, KFY, KHY, KJY, KKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) OR Return (M20) Fan	349932401	1			
		Contactor- Supply (M10) OR Return (M20) Fan	349932301		1		
		Contactor- Supply (M10) OR Return (M20) Fan	349932102			1	1
1A		Cover- Contactor	349932804	1			
		Cover- Contactor	349932803		1		
		Cover- Contactor	349932801			1	1
3	MMP10, 20	MMP- Supply (MMP10) OR Return (MMP20) Fan	349934105	1			
		MMP- Supply (MMP10) OR Return (MMP20) Fan	349934014		1		
		MMP- Supply (MMP10) OR Return (MMP20) Fan	349934011			1	
		MMP- Supply (MMP10) OR Return (MMP20) Fan	349934010				1
3A		Line Shield	349933001		1	1	1
3B		Link	349932906	1			
		Link	349932904		1		
		Link	349932902			1	1
3C		Short Circuit Alarm	349933903	1	1	1	1
3D		Aux. Interlock- 1 NO/1 NC	349933902		1	1	1
3E		OL Circuit Alarm- Front	349933804	1			

Section N- Main Control Box

Power Panel 3/05 thru 10/06 ¹

Supply MMP10 & M10 Fan Contactor & Return MMP20 & M20 Fan Contactor Components, Continued

¹ Code 08= D, F. Between 10/04 & 3/05 either this Power Panel OR the original MicroTech II Power Panel (Code 08= P, S) could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.

10 HP Motor- Code 22 OR 32= LEY, LFY, LHY, LJY, LKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) OR Return (M20) Fan	349932501	1	1		
		Contactor- Supply (M10) OR Return (M20) Fan	349932201			1	
		Contactor- Supply (M10) OR Return (M20) Fan	349932102				1
1A		Cover- Contactor	349932805	1	1		
		Cover- Contactor	349932802			1	
		Cover- Contactor	349932801				1
3	MMP10, 20	MMP- Supply (MMP10) OR Return (MMP20) Fan	349934106	1	1		
		MMP- Supply (MMP10) OR Return (MMP20) Fan	349934012			1	
		MMP- Supply (MMP10) OR Return (MMP20) Fan	349934011				1
3A		Line Shield	349933001			1	1
3B		Link	349932907	1	1		
		Link	349932903			1	
		Link	349932902				1
3C		Short Circuit Alarm	349933903	1	1	1	1
3D		Aux. Interlock- 1 NO/1 NC	349933902			1	1
3E		OL Circuit Alarm- Front	349933804	1	1		

15 HP Motor- Code 22 OR 32= MEY, MFY, MHY, MJY, MKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) OR Return (M20) Fan	349932501	1	1		
		Contactor- Supply (M10) OR Return (M20) Fan	349932301			1	1
1A		Cover- Contactor	349932805	1	1		
		Cover- Contactor	349932803			1	1
3	MMP10, 20	MMP- Supply (M10) OR Return (M20) Fan	349934108	1	1		
		MMP- Supply (M10) OR Return (M20) Fan	349934014			1	
		MMP- Supply (M10) OR Return (M20) Fan	349934013				1
3A		Line Shield	349933001			1	1
3B		Link	349932907	1	1		
		Link	349932904			1	1
3C		Short Circuit Alarm	349933903	1	1	1	1
3D		Aux. Interlock- 1 NO/1 NC	349933902			1	1
3E		OL Circuit Alarm- Front	349933804	1	1		

Section N- Main Control Box

Power Panel 3/05 thru 10/06 ¹

Supply MMP10 & M10 Fan Contactor & Return MMP20 & M20 Fan Contactor Components, Continued

¹ Code 08= D, F. Between 10/04 & 3/05 either this Power Panel OR the original MicroTech II Power Panel (Code 08= P, S) could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.

20 HP Motor- Code 22 OR 32= NEY, NFY, NHY, NJY, NKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) OR Return (M20) Fan	349932601	1	1		
		Contactor- Supply (M10) OR Return (M20) Fan	349932501			1	1
1A		Cover- Contactor	349932805			1	1
3	MMP10,20	MMP- Supply (M10) OR Return (M20) Fan	349934109	1			
		MMP- Supply (M10) OR Return (M20) Fan	349934108		1		
		MMP- Supply (M10) OR Return (M20) Fan	349934106			1	
		MMP- Supply (M10) OR Return (M20) Fan	349934105				1
3B		Link	349932907			1	1
3C		Short Circuit Alarm	349933903	1	1	1	1
3E		OL Circuit Alarm- Front	349933804	1	1	1	1

25 HP Motor- Code 22 OR 32= PEY, PFY, PHY, PJY, PKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) OR Return (M20) Fan	349932601	1	1		
		Contactor- Supply (M10) OR Return (M20) Fan	349932501			1	1
1A		Cover- Contactor	349932805			1	1
3	MMP10,20	MMP- Supply (M10) OR Return (M20) Fan	349938606	1			
		MMP- Supply (M10) OR Return (M20) Fan	349934109		1		
		MMP- Supply (M10) OR Return (M20) Fan	349934107			1	
		MMP- Supply (M10) OR Return (M20) Fan	349934106				1
3B		Link	349932907			1	1
3C		Short Circuit Alarm	349933903		1	1	1
3E		OL Circuit Alarm- Front	349933804		1	1	1
3F		Trip Indicator Interlock	349938701	1			
3G		Lug (3 per kit)	349938801	2			

Section N- Main Control Box

Power Panel 3/05 thru 10/06 ²

Supply MMP10 & M10 Fan Contactor & Return MMP20 & M20 Fan Contactor Components, Continued

² Code 08= D, F. Between 10/04 & 3/05 either this Power Panel OR the original MicroTech II Power Panel (Code 08= P, S) could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.

30 HP Motor- Code 22 OR 32= QEY, QFY, QHY, QJY, QKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) OR Return (M20) Fan	349932602	1			
		Contactor- Supply (M10) OR Return (M20) Fan	349932601		1		
		Contactor- Supply (M10) OR Return (M20) Fan	349932502			1	
		Contactor- Supply (M10) OR Return (M20) Fan	349932501				1
1A		Cover- Contactor	349932805			1	1
3	MMP10, 20	MMP- Supply (M10) OR Return (M20) Fan	349938606	1	1		
		MMP- Supply (M10) OR Return (M20) Fan	349934107			1	1
3B		Link	349932907			1	1
3C		Short Circuit Alarm	349933903			1	1
3E		OL Circuit Alarm- Front	349933804			1	1
3F		Trip Indicator Interlock	349938701	1	1		
3G		Lug (3 per kit)	349938801	2	2		

40 HP Motor- Code 22 OR 32= REY, RFY, RHY, RJY, RKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) OR Return (M20) Fan	349932701	1			
		Contactor- Supply (M10) OR Return (M20) Fan	349932602		1		
		Contactor- Supply (M10) OR Return (M20) Fan	349932601			1	
		Contactor- Supply (M10) OR Return (M20) Fan	349932502				1
1A		Cover- Contactor	349932805				1
3	MMP10, 20	MMP- Supply (MMP10) OR Return (MMP20) Fan	349938607	1	1		
		MMP- Supply (MMP10) OR Return (MMP20) Fan	349934108				1
		MMP- Supply (MMP10) OR Return (MMP20) Fan	349934109			1	
3B		Link	349932907				1
3C		Short Circuit Alarm	349933903			1	1
3E		OL Circuit Alarm- Front	349933804			1	1
3F		Trip Indicator Interlock	349938701	1	1		
3G		Lug (3 per kit)	349938801	1 ¹	1 ¹		

¹ Also requires 3 ring terminals.

Section N- Main Control Box

Power Panel 3/05 thru 10/06 ³

Supply MMP10 & M10 Fan Contactor & Return MMP20 & M20 Fan Contactor Components, Continued

³ Code 08= D, F. Between 10/04 & 3/05 either this Power Panel OR the original MicroTech II Power Panel (Code 08= P, S) could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.

50 HP Motor- Code 22 OR 32= SEY, SFY, SHY, SJY, SKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10	Contactor- Supply (M10) OR Return (M20) Fan	349932701	1	1		
		Contactor- Supply (M10) OR Return (M20) Fan	349932601			1	1
3	MMP10, 20	MMP- Supply (MMP10) OR Return (MMP20) Fan	349938607	1	1		
		MMP- Supply (MMP10) OR Return (MMP20) Fan	349934108				1
		MMP- Supply (MMP10) OR Return (MMP20) Fan	349934109			1	
3C		Short Circuit Alarm	349933903			1	1
3E		OL Circuit Alarm- Front	349933804			1	1
3F		Trip Indicator Interlock	349938701	1	1		
3G		Lug (3 per kit)	349938801	1 ¹	1 ¹		

¹ Also requires 3 ring terminals.

60 HP Motor- Code 32 OR 32 = TEY, TFY, THY, TJY, TKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10	Contactor- Supply (M10) OR Return (M20) Fan	349932702	1	1		
		Contactor- Supply (M10) OR Return (M20) Fan	349932601			1	
		Contactor- Supply (M10) OR Return (M20) Fan	349932602				1
3	MMP10, 20	MMP- Supply (MMP10) OR Return (MMP20) Fan	349938608	1	1		
		MMP- Supply (MMP10) OR Return (MMP20) Fan	349938606			1	
		MMP- Supply (MMP10) OR Return (MMP20) Fan	349934109				1
3C		Short Circuit Alarm	349933903				1
3E		OL Circuit Alarm- Front	349933804				1
3F		Trip Indicator Interlock	349938701	1	1	1	
3G		Lug	349938801	3 ²	3 ²	6	

² Also requires 3 ring terminals.

75 HP Motor- Code 32= UEY, UFY, UHY, UJY, UKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10	Contactor- Supply Fan	349932602			1	1
3	MMP10	MMP- Supply Fan	349938606			1	1
3F		Trip Indicator Interlock	349938701			1	1
3G		Lug	349938801			6	6

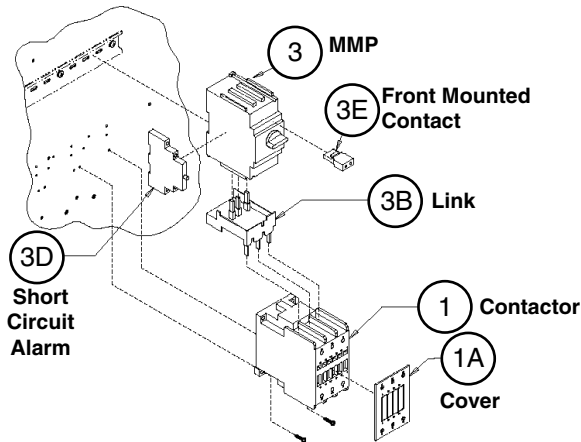
Section N- Main Control Box

Power Panel 3/05 thru 10/06 ¹

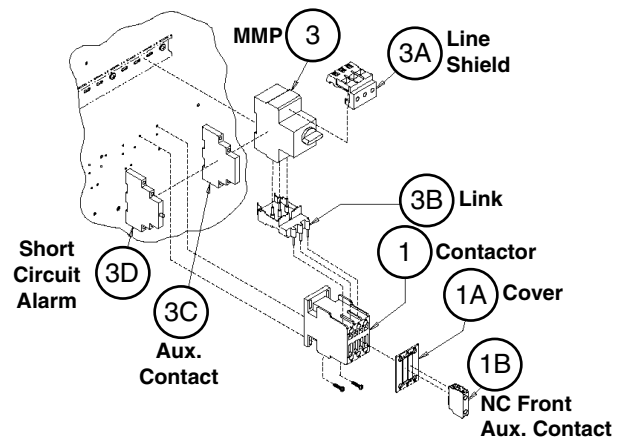
Unit Size 080: Scroll Compressors (Code 44= Z, T)

Compressor MMP1- 6 and Contactor M1- 6

¹ Code 08= D, F. Between 10/04 & 3/05 either this Power Panel OR the original MicroTech II Power Panel (Code 08= P, S) could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.



MMP & Contactor Link Detail
208/230V



MMP & Contactor Link Detail
460/575V

Ref No	Sch Sym	Part Description	Part Number	080		
				208/230V	460V	575V
		Compressor Contactors & Parts				
1	M1- 6	Contact- Compressor	349932502	6		
		Contact- Compressor	349932301		6	6
1A		Cover- Contactor	349932805	6		
		Cover- Contactor	349932803		6	6
1B		Aux. Contact, Front- 1NC	349931901		6	6
		Compressor MMP's & Parts				
3	MMP1- 6	Manual Motor Protector- Compr.	349934108	6		
		Manual Motor Protector- Compr.	349934015		6	
		Manual Motor Protector- Compr.	349934013			6
3A		Line Shield	349933001		6	6
3B		Link	349932904		6	6
		Link	349932907	6		
3C		Aux. Contact- 1NO/1NC	349933901		6	6
3D		Short Circuit Alarm	349933903	6	6	6
3E		Front Mounted Contact- 1NO	349933801	6		

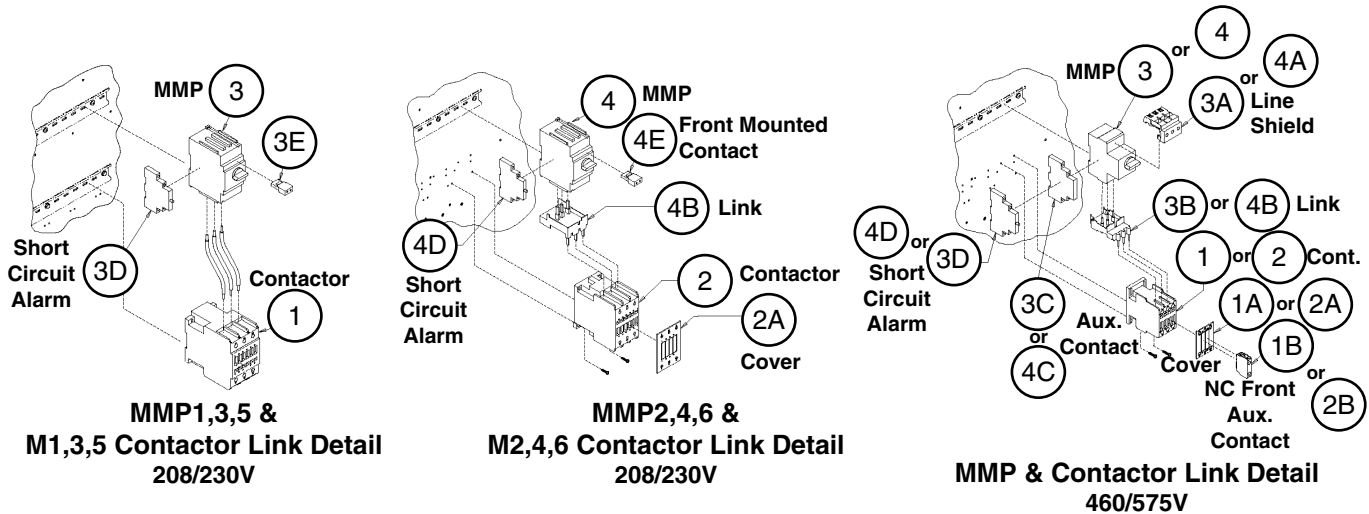
Section N- Main Control Box

Power Panel 3/05 thru 10/06 ¹

Unit Size 090: Scroll Compressors (Code 44= Z, T)

Compressor MMP1- 6 and Contactor M1- 6

¹ Code 08= D, F. Between 10/04 & 3/05 either this Power Panel OR the original MicroTech II Power Panel (Code 08= P, S) could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.



Ref No	Sch Sym	Part Description	Part Number	208/230V	460V	575V
Compressor Contactors & Parts						
1	M1, 3, 5	Contactors- Compressor	349932601	3		
		Contactors- Compressor	349932301		3	3
1A		Cover- Contactor	349932803		3	3
1B		Aux. Contact, Front- 1NC	349931901		3	3
2	M2, 4, 6	Contactors- Compressor	349932502	3		
		Contactors- Compressor	349932301		3	3
2A		Cover- Contactor	349932805	3		
		Cover- Contactor	349932803		3	3
2B		Aux. Contact, Front- 1NC	349931901		3	3
Compressor MMP's & Parts						
3	MMP1, 3, 5	Manual Motor Protector- Compressor	349934109	3		
		Manual Motor Protector- Compressor	349934015		3	
		Manual Motor Protector- Compressor	349934014			3
3A		Line Shield	349933001		3	3
3B		Link	349932904		3	3
3C		Aux. Contact- 1NO/1NC	349933901		3	3
3D		Short Circuit Alarm	349933903	3	3	3
3E		Front Mounted Contact- 1NO	349933801	3		
4	MMP2 ,4, 6	Manual Motor Protector- Compressor	349934108	3		
		Manual Motor Protector- Compressor	349934015		3	
		Manual Motor Protector- Compressor	349934013			3
4A		Line Shield	349933001		3	3
4B		Link	349932907	3		
		Link	349932904		3	3
4C		Aux. Contact- 1NO/1NC	349933901		3	3
4D		Short Circuit Alarm	349933903	3	3	3
4E		Front Mounted Contact- 1NO	349933801	3		

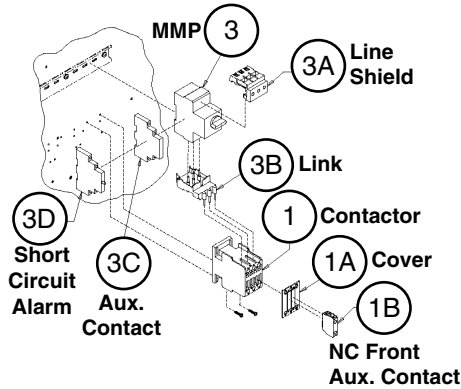
Section N- Main Control Box

Power Panel 3/05 thru 10/06 ¹

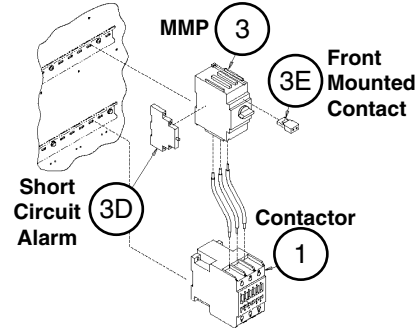
Unit Size 105: Scroll Compressors (Code 44= Z, T)

Compressor MMP1- 6 and Contactor M1- 6

¹ Code 08= D, F. Between 10/04 & 3/05 either this Power Panel OR the original MicroTech II Power Panel (Code 08= P, S) could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.



MMP & Contactor Link Detail
460/575V



MMP & Contactor Link Detail
208/230V

NOTE: The diagrams show all possible parts. Not every part shown applies to every unit size/voltage combination.

Ref No	Sch Sym	Part Description	Part Number	105		
				208/230V	460V	575V
		Compressor Contactors & Parts				
1	M1- 6	Contactor- Compressor	349932601	6		
		Contactor- Compressor	349932301		6	6
1A		Cover- Contactor	349932803		6	6
1B		Aux. Contact, Front- 1NC	349931901		3	3
		Compressor MMP's & Parts				
3	MMP1- 6	Manual Motor Protector- Compr.	349934109	6		
		Manual Motor Protector- Compr.	349934015		6	
		Manual Motor Protector- Compr.	349934014			6
3A		Line Shield	349933001		6	6
3B		Link	349932904		6	6
3C		Aux. Contact- 1NO/1NC	349933901		6	6
3D		Short Circuit Alarm	349933903	6	6	6
3E		Front Mounted Contact- 1NO	349933801	6		

Section N- Main Control Box

Power Panel 3/05 thru 10/06 ¹

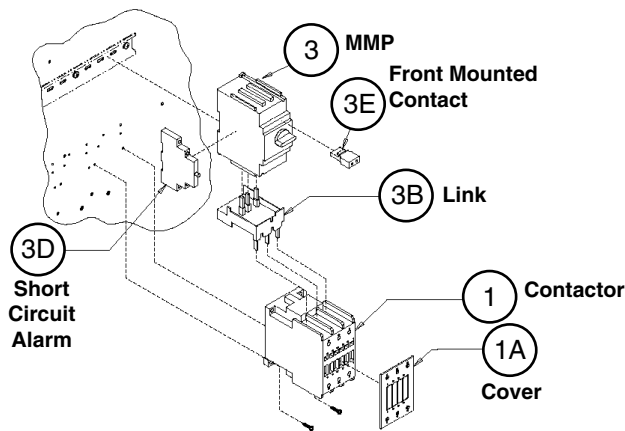
Unit Sizes 080- 105: Semihermetic Compressors (Code 44= H, K) ²

Compressor MMP1- 8 and Contactor M1- 8

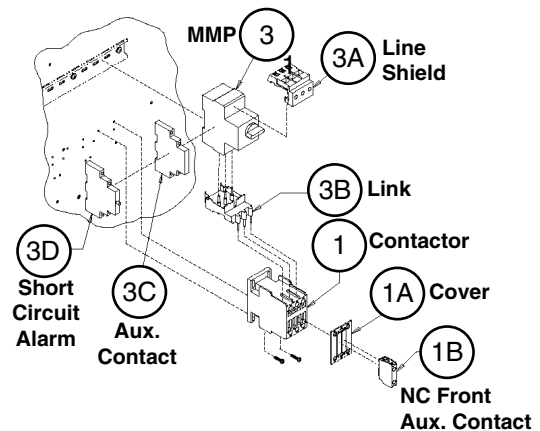
Diagrams

¹ Code 08= D, F. Between 10/04 & 3/05 either this Power Panel OR the original MicroTech II Power Panel (Code 08= P, S) could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.

² Unit sizes 080, 090, 105 began using Scroll Compressors shortly after the newer style unit Control Box design was employed.

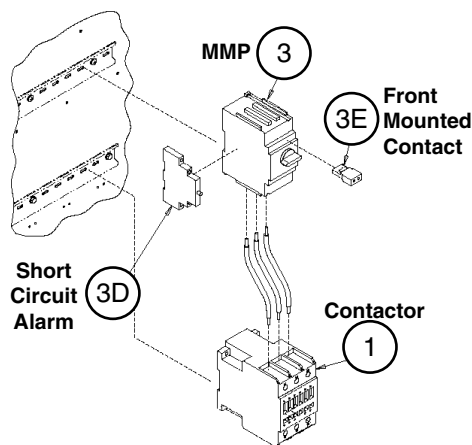


MMP & Contactor Link Detail
Unit Size 080: 460V PW & 575V AL
Unit Size 090: 460V PW
Unit Size 105: 208/230V 460V AL

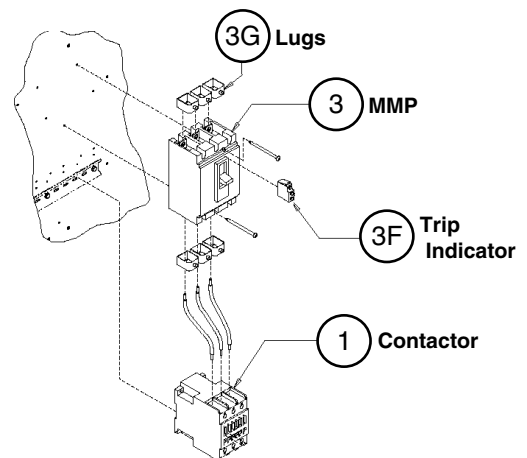


MMP & Contactor Link Detail
Unit Size 080: 575V PW
Unit Size 090: 575V PW
Unit Size 105: 460/575V PW

NOTE: The diagrams show all possible parts. Not every part shown applies to every unit size/voltage combination.



MMP & Contactor Link Detail
Unit Size 080: 208/230V
Unit Size 090: 575V AL



MMP & Contactor Link Detail
Unit Size 090: 208/230V & 460V AL

Section N- Main Control Box

Power Panel 3/05 thru 10/06 ⁴

Unit Sizes 080- 105: Semihermetic Compressors (Code 44= H, K) ⁵

Compressor MMP1- 8 and Contactor M1- 8

Components

⁴ Code 08= D, F. Between 10/04 & 3/05 either this Power Panel OR the original MicroTech II Power Panel (Code 08= P, S) could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.

⁵ Unit sizes 080, 090, 105 began using Scroll Compressors shortly after the newer style unit Control Box design was employed.

Ref No	Sch Sym	Part Description	Part Number	080					090					105				
				208/230V	460V AL	460V PW	575V AL	575V PW	208/230V	460V AL	460V PW	575V AL	575V PW	208/230V	460V AL	460V PW	575V AL	575V PW
		Comp. Contactors & Parts																
1	M1- 8 ¹	Contacto- Compressor	349932601	4														
		Contacto- Compressor	349932602						4 ²									
		Contacto- Compressor	349932502			4	2							8				
		Contacto- Compressor	349932503		2					2		2						
		Contacto- Compressor	349932501								4				4		4	
		Contacto- Compressor	349932201															8
		Contacto- Compressor	349932301					4					4			8		
1A		Cover- Contactor	349932805			4	2				4			8	4		4	
		Cover- Contactor	349932802															8
		Cover- Contactor	349932803					4					4			8		
1B		Aux. Contact, Front- 1NC	349931901					2 ³					2 ³			4 ³		4 ³
		Comp. MMP's & Parts																
3	MMP1- 8 ¹	Manual Motor Protector- Compressor	349934109	4	2							2						
		Manual Motor Protector- Compressor	349934107			4					4			8			4	
		Manual Motor Protector- Compressor	349934013															8
		Manual Motor Protector- Compressor	349934014					4								8		
		Manual Motor Protector- Compressor	349934015										4					
		Manual Motor Protector- Compressor	349934108				2								4			
		Manual Motor Protector- Compressor	349938606						4	2								
3A		Line Shield	349933001					4					4			8		8
3B		Link	349932903															8
		Link	349932904					4					4			8		
		Link	349932907			4	2				4	2		8	4		4	
3C		Aux. Contact- 1NO/1NC	349933901					4					4			8		8
3D		Short Circuit Alarm	349933903	4	2	4	2	4			4	2	4	8	4	8	4	8
3E		Front Mounted Contact- 1NO	349933801	4	2	4	2				4	2		8	4		4	
3F		Trip Indicator	349938701						4	2								
3G		Lug Kit (3 lugs per kit)	349938801						8	4								

NOTE: PW= Part Winding Start (Code 10= PW); AL= Across the Line Start (Code 10= AL).

¹ MMP1, 2/M1, 2 apply to 080- 105, all voltages and starting options.

MMP3, 4/M3, 4 apply to 105, 208/230V units and 460 and 575V Part Winding units only.

MMP5, 6/M5, 6 apply to 080- 105, 208/230V units and 460 and 575V Part Winding units only.

MMP7, 8/M7, 8 apply to 105, 208/230V units and 460 and 575V Part Winding units only.

² 230V unit uses p/n 349932601.

³ Applies to M1, M2 (080, 090) only; M1, M2, M3, M4 (105) only.

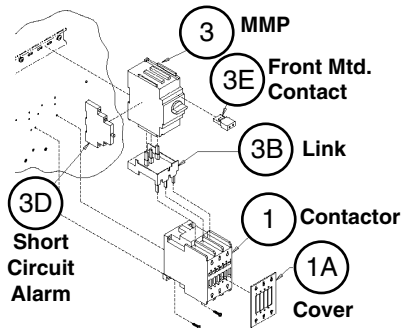
Section N- Main Control Box

Power Panel 3/05 thru 10/06 ³

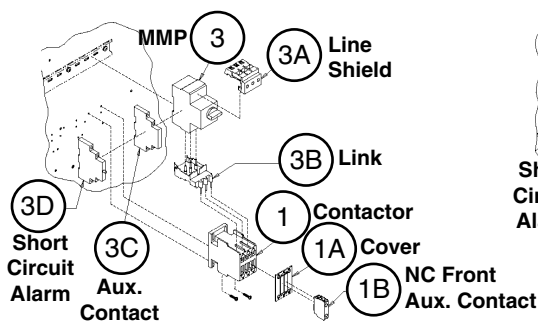
Unit Size 115: Semihermetic Compressors (Code 44= H, K)

Compressor MMP1- 8 and Contactor M1- 8

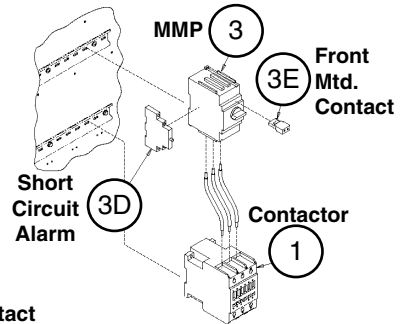
³ Code 08= D, F. Between 10/04 & 3/05 either this Power Panel OR the original MicroTech II Power Panel (Code 08= P, S) could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.



**MMP & Contactor Link Detail
575V AL**



**MMP & Contactor Link Detail
460V PW & 575 PW**



**MMP & Contactor Link Detail
208/230V & 460V AL**

Ref No	Sch Sym	Part Description	Part Number	115				
				208/230V	460V AL	460V PW	575V AL	575 PW
		Comp. Contactors & Parts						
1	M1- 8 ¹	Contactor- Compressor	349932503	8	4			
		Contactor- Compressor	379932301			8		8
		Contactor- Compressor	349932501				4	
1A		Cover- Contactor	349932805				4	
		Cover- Contactor	349932803			8		8
1B		Aux. Contact, Front- NC	349931901			4 ²		4 ²
		Comp. MMP's & Parts						
3	MMP1- 8 ¹	Manual Motor Protector- Compressor	349934109	8	4			
		Manual Motor Protector- Compressor	349934107				4	
		Manual Motor Protector- Compressor	349934013					8
		Manual Motor Protector- Compressor	349934015			8		
3A		Line Shield	349933001			8		8
3B		Link	349932904			8		8
		Link	349932907				4	
3C		Aux. Contact- 1NO/1NC	349933901			8		8
3D		Short Circuit Alarm	349933903	8	4	8	4	8
3E		Front Mounted Contact- 1NO	349933801	8	4		4	

NOTE: PW= Part Winding Start (Code 10= PW); AL= Across the Line Start (Code 10= AL).

¹ MMP1- 4/M1- 4 apply to all sizes, all voltages and starting options.

MMP5- 8/M5- 8 apply to 208/230V and 460V, 575V Part Winding units only.

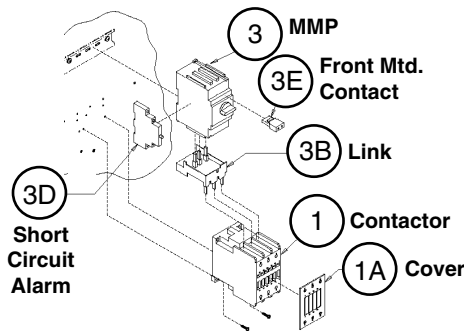
² Used on M1, M2, M3, M4 only.

Section N- Main Control Box

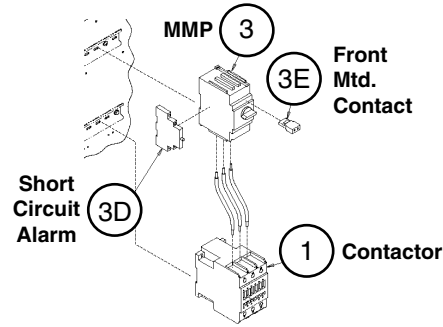
Power Panel 3/05 thru 10/06 ²

Unit Size 125: Semihermetic Compressors (Code 44= H, K) AND Across The Line Start Compressors (Code 10= AL) Compressor MMP1- 8 and Contactor M1- 8

² Code 08= D, F. Between 10/04 & 3/05 either this Power Panel OR the original MicroTech II Power Panel (Code 08= P, S) could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.



MMP & Contactor Link Detail
575V



MMP & Contactor Link Detail
208/230V & 460V

Ref No	Sch Sym	Part Description	Part Number	125		
				208/230V	460V	575V
		Comp. Contactors & Parts				
1	M1, 2, 5, 6 ¹	Contactor- Compressor	349932503	4	2	
	M1, 2 ¹	Contactor- Compressor	349932501			2
	M3, 4, 7, 8 ¹	Contactor- Compressor	349932601	4		
	M3, 4 ¹	Contactor- Compressor	349932503		2	
	M3, 4 ¹	Contactor- Compressor	349932502			2
1A		Cover- Contactor	349932805			4
		Comp. MMP's & Parts				
3	MMP1- 8 ¹	Manual Motor Protector- Compressor	349934109	8	4	
	MMP1, 2 ¹	Manual Motor Protector- Compressor	349934107			2
	MMP3, 4 ¹	Manual Motor Protector- Compressor	349934108			2
3B		Link	349932907			4
3D		Short Circuit Alarm	349933903	8	4	4
3E		Front Mounted Contact- 1NO	349933801	8	4	4

NOTE: PW= Part Winding Start (Code 10= PW); AL= Across the Line Start (Code 10= AL).

¹ MMP1- 4/M1- 4 apply to all voltages.

MMP5- 8/M5- 8 apply to 208/230V units only.

Section N- Main Control Box

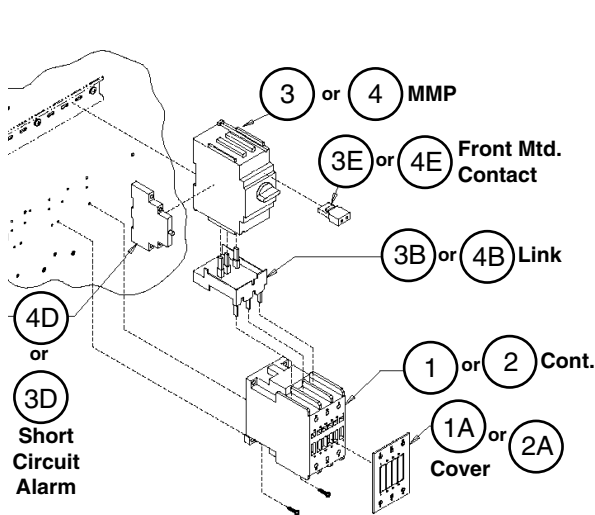
Power Panel 3/05 thru 10/06 ¹

Unit Size 125: Semihermetic Compressors (Code 44= H, K) AND
Part Winding Start Compressors (Code 10= PW)

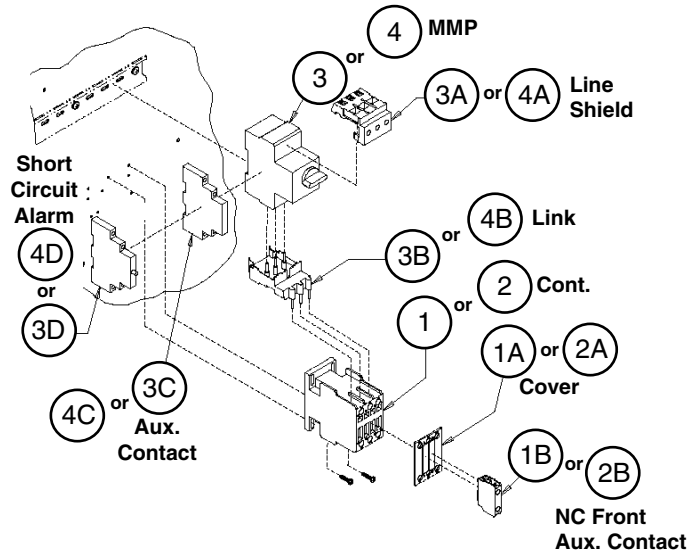
Compressor MMP1- 8 and Contactor M1- 8

Diagrams

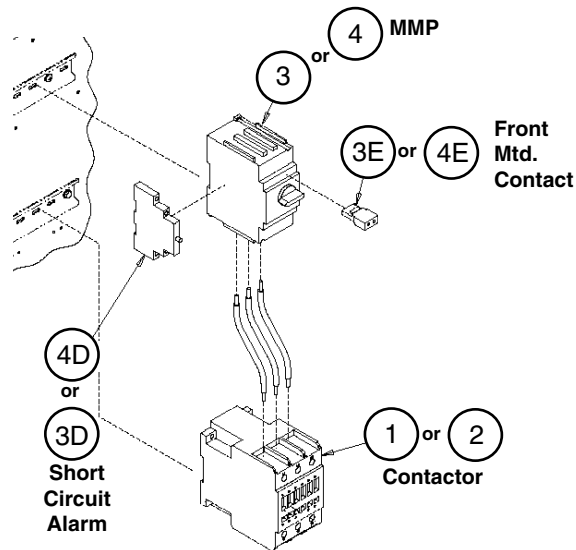
¹ Code 08= D, F. Between 10/04 & 3/05 either this Power Panel OR the original MicroTech II Power Panel (Code 08= P, S) could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.



MMP & Contactor Link Detail
MMP3,4,7,8 460V



MMP & Contactor Link Detail
MMP1-8 575V, MMP1,2,5,6 460V



MMP & Contactor Link Detail
MMP1-8 Unit Sizes 208/230V

Section N- Main Control Box

Power Panel 3/05 thru 10/06 ³

Unit Size 125: Semihermetic Compressors (Code 44= H, K) AND Part Winding Start Compressors (Code 10= PW) Compressor MMP1- 8 and Contactor M1- 8 Components

³ Code 08= D, F. Between 10/04 & 3/05 either this Power Panel OR the original MicroTech II Power Panel (Code 08= P, S) could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.

Ref No	Sch Sym	Part Description	Part Number	125		
				208/230V	460V	575V
		Compressor Contactors & Parts				
1	M1, 2, 5, 6	Contact- Compressor	349932503	4		
		Contact- Compressor	349932301		4	4
1A		Cover- M1, 2, 5, 6 Contactor	349932803		4	4
1B		Aux. Contact, Front- 1NC	349931901		2 ¹	2 ¹
2	M3, 4, 7, 8	Contact- Compressor	349932601	4		
		Contact- Compressor	349932502		4	
		Contact- Compressor	349932301			4
2A		Cover- M3, 4, 7, 8 Contactor	349932805		4	
		Cover- M3, 4, 7, 8 Contactor	349932803			4
2B		Aux. Contact, Front- 1NC	349931901			2 ²
		Compressor MMP's & Parts				
3	MMP1, 2, 5, 6	Manual Motor Protector- Compressor	349934109	4		
		Manual Motor Protector- Compressor	349934013			4
		Manual Motor Protector- Compressor	349934015		4	
3A		Line Shield	349933001		4	4
3B		Link	349932904		4	4
3C		Aux. Contact- 1NO/1NC	349933901		4	4
3D		Short Circuit Alarm	349933903	4	4	4
3E		Front Mounted Contact- 1NO	349933801	4		
4	MMP3, 4, 7, 8	Manual Motor Protector- Compressor	349934109	4		
		Manual Motor Protector- Compressor	349934014			4
		Manual Motor Protector- Compressor	349934107		4	
4A		Line Shield	349933001			4
4B		Link	349932904			4
		Link	349932907		4	
4C		Aux. Contact- 1NO/1NC	349933901			4
4D		Short Circuit Alarm	349933903	4	4	4
4E		Front Mounted Contact- 1NO	349933801	4	4	

¹ Applies to M1, M2 only.

² Applies to M3, M4 only.

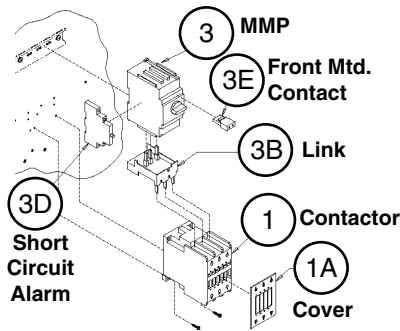
Section N- Main Control Box

Power Panel 3/05 thru 10/06 ³

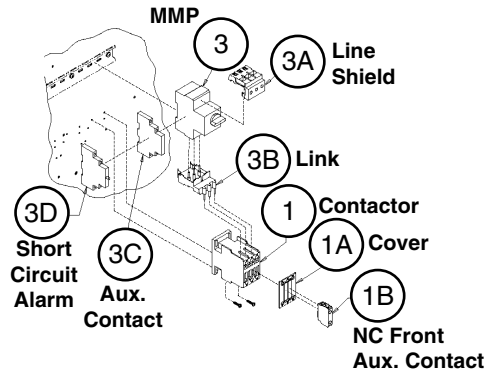
Unit Size 135: Semihermetic Compressors (Code 44= H, K)

Compressor MMP1- 8 and Contactor M1- 8

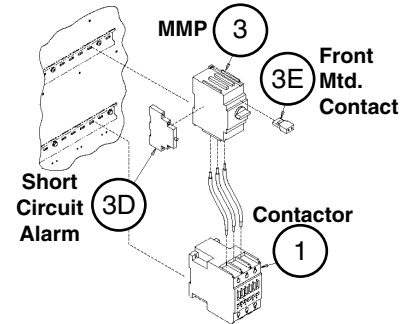
³ Code 08= D, F. Between 10/04 & 3/05 either this Power Panel OR the original MicroTech II Power Panel (Code 08= P, S) could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.



**MMP & Contactor Link Detail
575V AL**



**MMP & Contactor Link Detail
Unit Sizes 460V PW & 575 PW**



**MMP & Contactor Link Detail
Unit Sizes 208/230V & 460V AL**

Ref No	Sch Sym	Part Description	Part Number	135				
				208/230V	460V AL	460V PW	575V AL	575 PW
		Comp. Contactors & Parts						
1	M1- 8 ¹	Contact- Compressor	349932601	8				
		Contact- Compressor	349932503		4			
		Contact- Compressor	349932502			8	4	
		Contact- Compressor	349932301					8
1A		Cover- Contactor	349932805			8	4	
		Cover- Contactor	349932803					8
1B		Aux. Contact, Front- 1NC	349931901					4
		Comp. MMP's & Parts						
3	MMP1- 8 ¹	Manual Motor Protector- Compressor	349934109	8	4			
		Manual Motor Protector- Compressor	349934107			8		
		Manual Motor Protector- Compressor	349934108				4	
		Manual Motor Protector- Compressor	349934014					8
3A		Line Shield	349933001					8
3B		Link	349932904					8
		Link	349932907			8	4	
3C		Aux. Contact- 1NO/1NC	349933901					8
3D		Short Circuit Alarm	349933903	8	4	8	4	8
3E		Front Mounted Contact- 1NO	349933801	8	4	8	4	

NOTE: PW= Part Winding Start (Code 10= PW); AL= Across the Line Start (Code 10= AL).

¹ MMP1- 4/M1- 4 apply to all sizes, all voltages and starting options.

MMP5- 8/M5- 8 apply to 208/230V and 460V, 575V Part Winding units only.

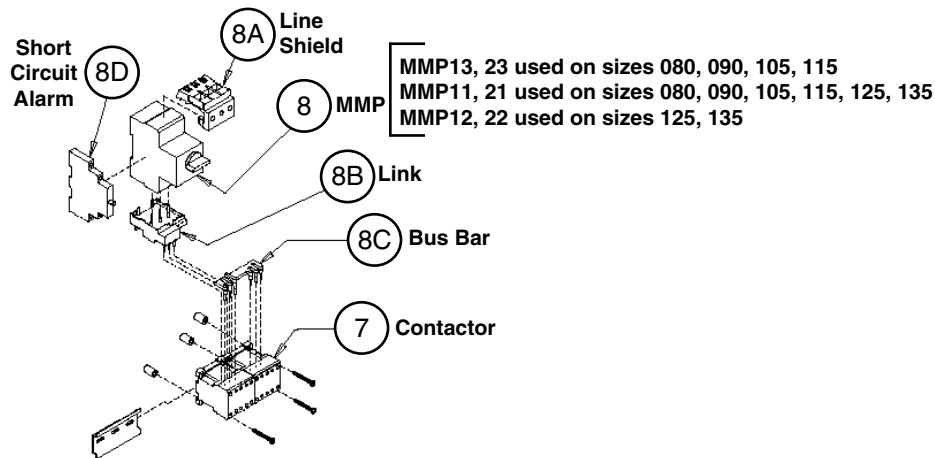
² Applies to M1, M2, M3 and M4 only.

Section N- Main Control Box

Power Panel 3/05 thru 10/06 ¹

Condenser Fan MMP11, 12, 13, 21, 22, 23 and Contactors M11- 24 FanTrol Units (Code 47= 1)

¹ Code 08= D, F. Between 10/04 & 3/05 either this Power Panel OR the original MicroTech II Power Panel (Code 08= P, S) could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.



MMP & Contactors Detail
(applies to all sizes)

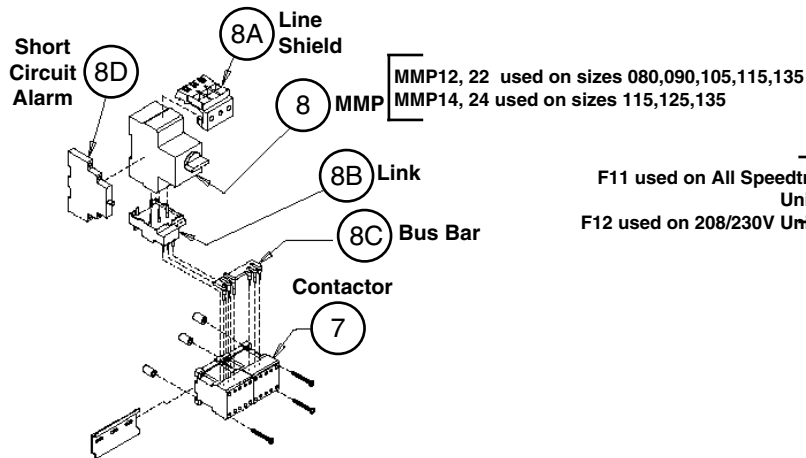
Ref No	Schematic Symbol	Part Description	Part Number	080- 105			115			125, 135		
				208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V
		Fan Contactors										
7	M11,12,13,14 21, 22, 23, 24	Contactor- Condenser Fan	349934201	8	8	8	8	8	8	8	8	8
		Fan MMP's & Parts										
8	MMP11, 21	Manual Motor Protector	349934009		2	2		2	2			
		Manual Motor Protector	349934010	2			2				2	2
		Manual Motor Protector	349934012							2		
	MMP13, 23	Manual Motor Protector	349934009		2	2						
		Manual Motor Protector	349934010	2				2	2			
		Manual Motor Protector	349934012				2					
	MMP12, 22	Manual Motor Protector	349934010								2	2
		Manual Motor Protector	349934012							2		
8A		Line Shield- MMP	349933001	4	4	4	4	4	4	4	4	4
8B		Link- MMP	349932901	4	4	4	4	4	4	4	4	4
8C		Bus Bar	349934301	4	4	4	4	4	4	4	4	4
8D		Short Circuit Alarm	349933903	4	4	4	4	4	4	4	4	4

Section N- Main Control Box

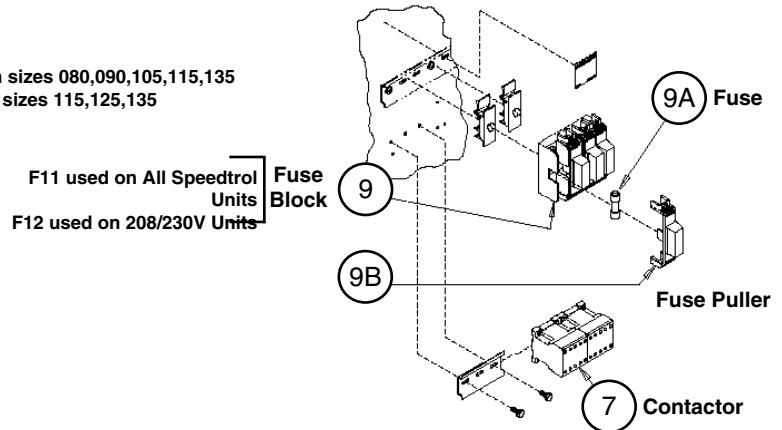
Power Panel 3/05 thru 10/06 ¹

Condenser Fan MMP12, 14, 22, 24 and Contactors M11 - 24 Speedtrol Units (Code 47= 2)

¹ Code 08= D, F. Between 10/04 & 3/05 either this Power Panel OR the original MicroTech II Power Panel (Code 08= P, S) could be installed. Check the GO or contact Daikin Applied to verify which panel is installed. If built between 10/06 & 12/06 contact Daikin Applied.



MMP & Contactors Detail
(applies to all sizes)



Speedtrol Fusing Detail
F11, F12 & M12, M22 (with Speedtrol)

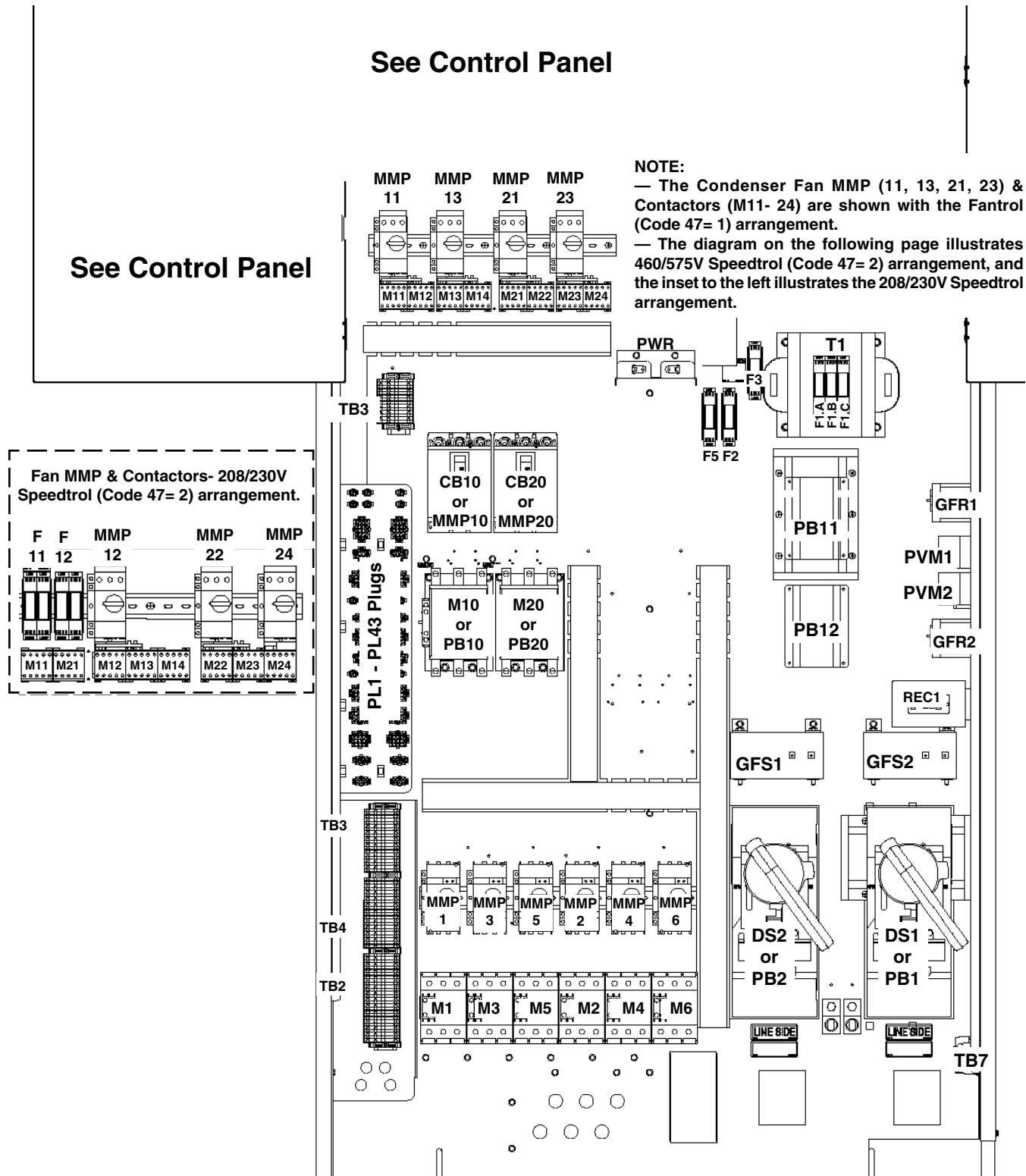
Ref No	Schematic Symbol	Part Description	Part Number	080- 105			115			125, 135		
				208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V
		Fan Contactors										
7	M11,12,13,14 21, 22, 23, 24	Contactor- Condenser Fan	349934201	8	8	8	8	8	8	8	8	8
		Fan MMP's & Parts										
8	MMP12, 22	Manual Motor Protector	349934009					2	2			
		Manual Motor Protector	349934010		2	2	2				2	2
		Manual Motor Protector	349934012	2						2		
	MMP14, 24	Manual Motor Protector	349934009					2	2		2	2
		Manual Motor Protector	349934010				2			2		
8A		Line Shield- MMP	349933001	2	2	2	4	4	4	4	4	4
8B		Link- MMP	349932901	2	2	2	4	4	4	4	4	4
8C		Bus Bar (MMP12, 22 only)	349934301	2	2	2	2	2	2	2	2	2
8D		Short Circuit Alarm	349933903	2	2	2	4	4	4	4	4	4
9	F11	Fuse Block	023780222	1	1	1	1	1	1	1	1	1
	F12	Fuse Block	023780222	1			1			1		
9A	F11	Fuse	349937133		2	2		2	2		2	2
	F11	Fuse	349937129	2			2			2		
	F12	Fuse	349937129	2			2			2		
9B		Fuse Puller	349938227	4	2	2	4	2	2	4	2	2

Section N- Main Control Box

Unit Sizes 080- 105 Power Panel 1/07 & Later ¹

Diagram

¹ Code 08= D, F. For units built 10/06 thru 12/06 contact Daikin Applied to ensure that the correct part(s) are identified.

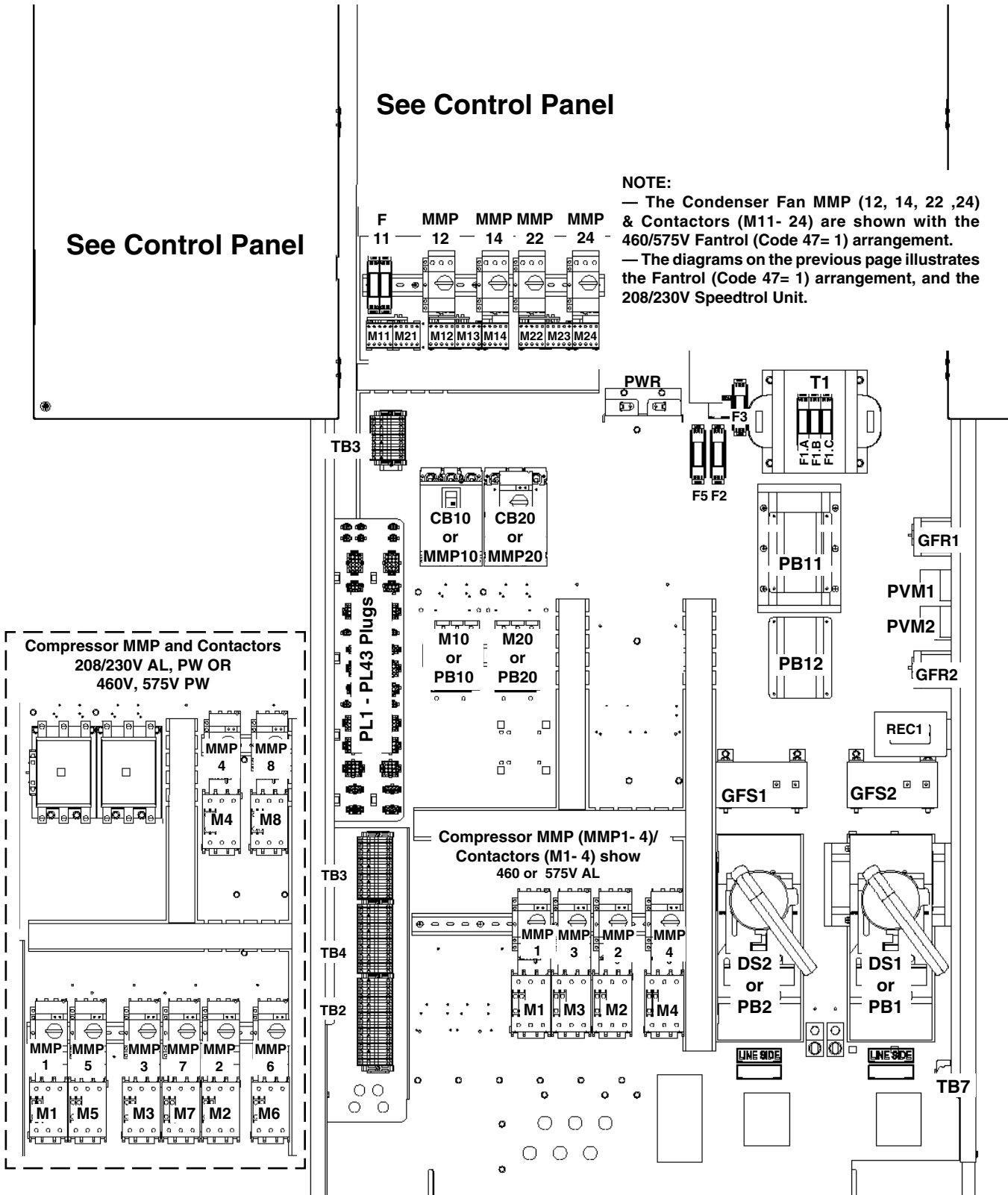


Section N- Main Control Box

Unit Sizes 115- 135 Power Panel 1/07 & Later ¹

Diagram

¹ Code 08= D, F. For units built 10/06 thru 12/06 contact Daikin Applied to ensure that the correct part(s) are identified.



Section N- Main Control Box

Power Panel 1/07 & Later ⁶

Common Components

⁶ Code 08= D, F. For units built 10/06 thru 12/06 contact Daikin Applied to ensure that the correct part(s) are identified.

Power Panel- Terminal Blocks, T1 Transformer & Fusing

Sch. Sym.	Part Description	Part Number	Voltage			
			208V	230V	460V	575V
	Terminal Blocks					
TB2, 7	Terminal Block	349930641	1	1	1	1
TB3, 4	Terminal Block	349930641	2	2	2	2
	Transformer- Main ³					
T1	Transformer- Main Control					
	Electric, Hydronic, No Heat Code 04= E, S, W, Y					
	Units without UV Lights	038253975	1			
	Units without UV Lights	038253957		1	1	
	Units without UV Lights	038253984				1
	Units with UV Lights Code 17 (2nd digit)= 1- 8	038253976	1			
	Units with UV Lights Code 17 (2nd digit)= 1- 8	038253958		1	1	
	Units with UV Lights Code 17 (2nd digit)= 1- 8	038253985				1
	Gas Heat Code 04= A					
	Units without UV Lights	038253976	1			
	Units without UV Lights	038253958		1	1	
	Units without UV Lights	038253985				1
	Units with UV Lights Code 17 (2nd digit)= 1- 8	349939819	1			
	Units with UV Lights Code 17 (2nd digit)= 1- 8	349939809		1	1	
	Units with UV Lights Code 17 (2nd digit)= 1- 8	349939829				1
	Fuses- T1					
F1.A, B	Fuse- T1 Transformer, Primary					
	Electric, Hydronic, No Heat Code 04= E, S, W, Y					
	Units without UV Lights	349937134	2			
	Units without UV Lights	349937133		2		
	Units without UV Lights	349937129			2	
	Units without UV Lights	349937125				2
	Units with UV Lights Code 17 (2nd digit)= 1- 8	349937135	2	2		
	Units with UV Lights Code 17 (2nd digit)= 1- 8	349937131			2	
	Units with UV Lights Code 17 (2nd digit)= 1- 8	349937129				2
	Gas Heat Code 04= A					
	Units without UV Lights	349937135	2	2		
	Units without UV Lights	349937131			2	
	Units without UV Lights	349937129				2
	Units with UV Lights Code 17 (2nd digit)= 1- 8	349937137	2 ⁵	2 ⁵		
	Units with UV Lights Code 17 (2nd digit)= 1- 8	349937133			2 ⁵	
	Units with UV Lights Code 17 (2nd digit)= 1- 8	349937132				2 ⁵
F1.C	Fuse- T1 Transformer, Secondary	349937038 ⁴	1	1	1	1
	Fuse- T1 Transformer, Secondary	349937036 ⁴	1	1	1	1
	Fuse- T1 Transformer, Secondary	349937035 ⁴	1	1	1	1

¹ Varies depending on unit options. Part number is for one individual section. Ground Block is p/n 349930647.

² Varies depending on unit options. Part number is for one individual section. When required, Jumpers are p/n 349930922 (2 pole), 349930923 (3 pole), 349930924 (4 pole), 349930925 (5 pole).

³ T1 transformers also use Cover Kit p/n 349955901 & Fuse Puller Kit p/n 349955801 (Not Used on Transformer p/n 349939819, 349939809, 349939829).

⁴ Fuse depends on heat type and presence of UV lights. 349937038= Gas Heat Unit w/UV lights; 349937036= Gas Heat Unit with no UV lights OR Non-Gas Heat Unit with UV lights; 349937035= Non- Gas Heat Units with no UV lights.

⁵ Fuses used on Gas Heat Unit w/UV lights also use Fuse Block p/n 023780231 & 3 Fuse Pullers p/n 349938227.

Section N- Main Control Box

Power Panel 1/07 & Later ³

Common Components, Continued

³ Code 08= D, F. For units built 10/06 thru 12/06 contact Daikin Applied to ensure that the correct part(s) are identified.

Power Panel- Fuses, Phase Protection, Ground Fault, Power Blocks

Sch. Sym.	Part Description	Part Number	Voltage			
			208V	230V	460V	575V
	Fuses, continued					
F2, F3, F5	Fuses					
	Fuse Block	023780223	1/fuse	1/fuse	1/fuse	1/fuse
	Fuse Cover	349938227	1/fuse	1/fuse	1/fuse	1/fuse
F2	Fuse- 2000+VA transformer	349937035	1	1	1	1
F3	Fuse- Blower Motor 200- 1500 mbh furnace	349937035	1	1	1	1
F3	Fuse- Blower Motor 2000 mbh furnace	349937036	1	1	1	1
F5	Fuse- UV Lights Code 17 (2nd digit)= 1- 8	349937032	1	1	1	1
	Phase Voltage Monitor Code 17= P,A,C,D,H,J,K					
PVM1, 2	Phase Voltage Monitor	112022001	1	1	1	
	Phase Voltage Monitor	112022002				1
	Ground Fault Protection Code 17= G,B,C,D,K					
GFR1, 2	Ground Fault Relay- SPDT	349937502	1	1	1	1
GFS1, 2	Ground Fault Sensor	349937407	1	1	1	1
	Power Blocks					
PB1, PB2	Power Block- Main ² Code 11= P1, Q1					
	Power Block, Non- Electric Heat Units- 175A ¹	030372776	1	1	1	1
	Power Block, Electric Heat Units- 175A ¹	030372780	1	1	1	1
	Lug- 175A Block	349938001	1	1	1	1
	Power Block, Non- Electric Heat Units- 255A ¹	030372778	1	1	1	1
	Lug- 255A Block	349938001	1	1	1	1
	Power Block, Non- Electric Heat Units- 380A ¹	030372779	1	1	1	1
	Power Block, Electric Heat- 380A ¹	030372782	1	1	1	1
	Lug- 380A Block	349938002	1	1	1	1
	Power Block, Non- Electric Heat Units- 620A ¹	030372701	1	1	1	1
	Cover- 620A Block	349938345	3	3	3	3
	Lug- 620A Block	349938002	1	1	1	1
	Power Block, Non- Electric Heat Units- 760A ¹	030372760	1	1	1	1
	Power Block, Electric Heat Units, 208/230V- 760A ¹	030372772	1	1		
	Power Block, Electric Heat Units, 460/575V- 760A ¹	030372760			1	1
	Cover- 760A Block	349938345	3	3	3	3
	Lug- 760A Block	349938003	1	1	1	1
	Power Block, Non- Electric Heat Units- 840A ¹	030372724	1	1	1	1
	Cover- 840A Block	349938345	3	3	3	3
	Lug- 840A Block	349938003	1	1	1	1
PB11	Power Block- Power Distribution					
	Power Block- 420A ¹	030372785	1	1	1	1
	Power Block- 760A ¹	030372721	1	1	1	1
	Cover- 760A Block	349938345	1	1	1	1
PB12	Power Block- Power Distribution Code 04= E					
	20, 40 KW Electric Heat	030372777	1	1	1	1
	60, 80, 100, 120 KW Electric Heat	030372785	1	1		
	60, 80, 100, 120 KW Electric Heat	030372777			1	1
	160, 200, 240, 280, 320 KW Electric Heat	030372785			1	1

¹ Any of the listed parts may be used, depending on unit options. Check installed part to verify, or contact Daikin Applied with unit serial and/or GO number to ensure correct replacement is selected. PB2 is installed when Code 11= Q1.

² These Power Blocks are used on RPS and RDT units. RFS units use the following: 175A p/n 030372777 + Lug p/n 349938302; 310A p/n 030372783 + Lug p/n 349938302; 420A p/n 030372785 + Lug 349938302; 760A p/n 030372721 + Lug p/n 349938003.

Section N- Main Control Box

Power Panel 1/07 & Later ⁴

Common Components, Continued

⁴ Code 08= D, F. For units built 10/06 thru 12/06 contact Daikin Applied to ensure that the correct part(s) are identified.

Power Panel- Power Blocks, Receptacle, Power Supply Board, Disconnect Switches

Sch. Sym.	Part Description	Part Number	Voltage			
			208V	230V	460V	575V
	Power Blocks, continued					
PB10	Power Block- Supply Fan Code 15= F	030372776	1	1	1	1
PB20	Power Block- Return Fan Code 15= F	030372776	1	1	1	1
	Receptacles					
REC1	Receptacle	039003600	1	1	1	1
	Power Supply Board					
PWR	Power Supply Board, 5V Code 12= *D, *S	111049610	1	1	1	1
	Disconnect Switches					
DS1	Disconnect Switch- Main Gas, Steam, HW, No Heat Code 04= A, S, W, Y					
	Switch- 100A ¹	349935125	1	1	1	1
	Handle Kit	349935521	1	1	1	1
	Shaft	349962204	1	1	1	1
	Ground Lug	349938001	1	1	1	1
	Switch- 150A ¹	349935126	1	1	1	1
	Handle Kit (with operating mechanism)	349935532	1	1	1	1
	Shaft	349962205	1	1	1	1
	Ground Lug	349938001	1	1	1	1
	Switch- 250A ¹	349935226	1	1	1	1
	Handle Kit (with operating mechanism)	349935532	1	1	1	1
	Shaft	349962205	1	1	1	1
	Ground Lug	349938002	1	1	1	1
	Switch- 400A ¹	349935325	1	1	1	1
	Handle Kit (with operating mechanism)	349935621	1	1	1	1
	Shaft	349962206	1	1	1	1
	Ground Lug	349938002	1	1	1	1
	Switch- 600A ^{1, 2, 3}	193438205	1	1	1	1
	Handle	349961102	1	1	1	1
	Operating Mechanism ³	193455001	1	1	1	1
	Shaft	349961301	1	1	1	1
	Shaft- Mod ³	349962207	1	1	1	1
	Ground Lug	349938002	1	1	1	1
	Switch- 800A ^{1, 3}	193438201	1	1	1	1
	Handle	349961102	1	1	1	1
	Operating Mechanism ³	193455001	1	1	1	1
	Shaft	349961301	1	1	1	1
	Shaft- Mod ³	349962242	1	1	1	1
	Ground Lug	349938003	1	1	1	1
	Switch- 1000A ^{1, 3}	193438206	1	1	1	1
	Handle	349961102	1	1	1	1
	Operating Mechanism ³	193455001	1	1	1	1
	Shaft	349961301	1	1	1	1
	Shaft- Mod ³	349962242	1	1	1	1
	Ground Lug	349938003	1	1	1	1

¹ Any of the listed Disconnects may be used, depending on unit options. Check installed part to verify, or contact Daikin Applied with unit serial and/or GO number to ensure correct replacement is selected.

² The 600A switch listed is used on units with one Disconnect or two Disconnects EH/balance of unit (Code 11= A2, B2). If unit has two Disconnects where the second Disconnect controls the Fans (Code 11= C2) OR 3 Disconnects (Code 11= D2) then use Switch p/n 193438002, Handle Kit p/n 193437901, Shaft p/n 349962233, and Ground Lug p/n 349938002.

³ Note that the original Disconnect is obsolete. Due to dimensional differences minor field modifications may be required for proper installation.

Section N- Main Control Box

Power Panel 1/07 & Later ⁴

Common Components, Continued

⁴ Code 08= D, F. For units built 10/06 thru 12/06 contact Daikin Applied to ensure that the correct part(s) are identified.

Power Panel- Disconnect Switches

Sch. Sym.	Part Description	Part Number	Voltage			
			208V	230V	460V	575V
	Disconnect Switches, continued					
DS1	Disconnect Switch- Main Electric Heat Code 04= E					
	Switch- 100A ¹	349935121	1	1	1	1
	Handle Kit	349935521	1	1	1	1
	Shaft	349962204	1	1	1	1
	Ground Lug	349938001	1	1	1	1
	Load Lug	349956101	1	1	1	1
	Cover- Load Lug	349957003	1	1	1	1
	Switch- 150A ¹	349935122	1	1	1	1
	Handle Kit	349935532	1	1	1	1
	Shaft	349962205	1	1	1	1
	Ground Lug	349938001	1	1	1	1
	Load Lug	349956202	1	1	1	1
	Cover- Load Lug	349957001	1	1	1	1
	Switch- 250A ¹	349935222	1	1	1	1
	Handle Kit	349935532	1	1	1	1
	Shaft	349962205	1	1	1	1
	Ground Lug	349938001	1	1	1	1
	Load Lug	349956302	1	1	1	1
	Cover- Load Lug	349957002	1	1	1	1
	Switch- 400A ¹	349935325	1	1	1	1
	Handle Kit	349935621	1	1	1	1
	Shaft	349962206	1	1	1	1
	Ground Lug	349938002	1	1	1	1
	Switch- 600A ^{1, 2, 3}	193438205	1	1	1	1
	Handle	349961102	1	1	1	1
	Operating Mechanism ³	193455001	1	1	1	1
	Shaft	349961301	1	1	1	1
	Shaft- Mod ³	349962207	1	1	1	1
	Ground Lug	349938002	1	1	1	1
	Switch- 800A ^{1, 3}	193438201	1	1	1	1
	Handle	349961102	1	1	1	1
	Operating Mechanism ³	193455001	1	1	1	1
	Shaft	349961301	1	1	1	1
	Shaft- Mod ³	349962242	1	1	1	1
	Ground Lug	349938003	1	1	1	1
	Switch- 1000A ^{1, 3}	193438206	1	1	1	1
	Handle	349961102	1	1	1	1
	Operating Mechanism ³	193455001	1	1	1	1
	Shaft	349961301	1	1	1	1
	Shaft- Mod ³	349962242	1	1	1	1
	Ground Lug	349938003	1	1	1	1

¹ Any of the listed Disconnects may be used, depending on unit options. Check installed part to verify, or contact Daikin Applied with unit serial and/or GO number to ensure correct replacement is selected.

² The 600A switch listed is used on units with one Disconnect or two Disconnects EH/balance of unit (Code 11= A2, B2). If unit has two Disconnects where the second Disconnect controls the Fans (Code 11= C2) OR 3 Disconnects (Code 11= D2) then use Switch p/n 193438002, Handle Kit p/n 193437901, Shaft p/n 349962233, and Ground Lug p/n 349938002.

³ Note that the original Disconnect is obsolete. Due to dimensional differences minor field modifications may be required for proper installation.

Section N- Main Control Box

Power Panel 1/07 & Later ²

Common Components, Continued

² Code 08= D, F. For units built 10/06 thru 12/06 contact Daikin Applied to ensure that the correct part(s) are identified.

Power Panel- Disconnect Switches (continued), Circuit Breakers

Sch. Sym.	Part Description	Part Number	Voltage			
			208V	230V	460V	575V
	Disconnect Switches, continued					
DS2	Disconnect Switch- SAF/RAF Code 11= C2, D2					
	Switch- 100A ¹	349935121	1	1	1	1
	Handle Kit	349935521	1	1	1	1
	Shaft	349962204	1	1	1	1
	Ground Lug	349938001	1	1	1	1
	Load Lug	349956101	1	1	1	1
	Cover- Load Lug	349957003	1	1	1	1
	Switch- 150A ¹	349935122	1	1	1	1
	Handle Kit	349935532	1	1	1	1
	Shaft	349962205	1	1	1	1
	Ground Lug	349938001	1	1	1	1
	Load Lug	349956202	1	1	1	1
	Cover- Load Lug	349957001	1	1	1	1
	Switch- 250A ¹	349935222	1	1	1	1
	Handle Kit	349935532	1	1	1	1
	Shaft	349962205	1	1	1	1
	Ground Lug	349938001	1	1	1	1
	Load Lug	349956302	1	1	1	1
	Cover- Load Lug	349957002	1	1	1	1
	Switch- 400A ¹	349935321	1	1	1	1
	Handle Kit	349935621	1	1	1	1
	Shaft	349962206	1	1	1	1
	Ground Lug	349938002	1	1	1	1
	Load Lug	349956401	3	3	3	3
	Cover- Load Lug	349957004	1	1	1	1
	Circuit Breakers					
CB10	Circuit Breaker- Supply Fan					
CB20	Circuit Breaker- Return Fan					
	Motor HP= 5, 7.5, 10	349939601				1
	Motor HP= 5	349939622	1	1		
	Motor HP= 5, 7.5	349939621			1	
	Motor HP= 7.5	349939624	1	1		
	Motor HP= 10	349939626	1	1		
	Motor HP= 10	349939622			1	
	Motor HP= 15	349939629	1	1		
	Motor HP= 15	349939624			1	
	Motor HP= 15, 20	349939604				1
	Motor HP= 20	349939631	1			
	Motor HP= 20	349939630		1		
	Motor HP= 20, 25	349939626			1	
	Motor HP= 25	349939632	1			
	Motor HP= 25	349939631		1		
	Motor HP= 25, 30	349939606				1

¹ Any of the listed Disconnects may be used, depending on unit options. Check installed part to verify, or contact Daikin Applied with unit serial and/or GO number to ensure correct replacement is selected.

Section N- Main Control Box

Power Panel 1/07 & Later ⁹

Common Components, Continued

⁹ Code 08= D, F. For units built 10/06 thru 12/06 contact Daikin Applied to ensure that the correct part(s) are identified.

Power Panel- Circuit Breakers (continued), Plugs

Sch. Sym.	Part Description	Part Number	Voltage			
			208V	230V	460V	575V
	Circuit Breakers, Continued					
CB10	Circuit Breaker- Supply Fan					
CB20	Circuit Breaker- Return Fan					
	Motor HP= 30	349939701	1			
	Motor HP= 30	349939633		1		
	Motor HP= 30	349939628			1	
	Motor HP= 40	349939703	1	1		
	Motor HP= 40	349939630			1	
	Motor HP= 40	349939608				1
	Motor HP= 50	349939631			1	
	Motor HP= 50	349939610				1
	Motor HP= 60	349939632			1	
	Motor HP= 60	349939611				1
	Motor HP= 75	349939701			1	
	Plugs ¹					
²	4 Pin Plug	349930201	varies	varies	varies	varies
³	6 Pin Plug	349930403	varies	varies	varies	varies
⁴	12 Pin Plug	349930405	varies	varies	varies	varies
⁵	3 Pin Cap Kit	349930501	varies	varies	varies	varies
⁶	6 Pin Cap Kit	349930503	varies	varies	varies	varies
⁷	9 Pin Cap Kit	349930504	varies	varies	varies	varies
⁸	15 Pin Cap Kit	349930506	varies	varies	varies	varies

¹ All possible Plugs used are listed. Check actual unit to verify which Plug is required.

² Used for PL1, PL, 2, PL3, PL4, PL5, PL6, PL22, PL23, PL24, PL37, PL38.

³ Used with Strain Relief (p/n 300041173) & 6 Pin Cap Kit (p/n 349930503). Used for PL20, PL21.

⁴ Used for PL11, PL12, PL25, PL26, PL27, PL28, PL29, PL30 (PL11 & 12 also use Strain Relief p/n 300041175 & Cap Kit p/n 349930505).

⁵ Used for PL16, PL17, PL31, PL32, PL33, PL34, PL39, PL40, PL41, PL42.

⁶ Used for PL9, PL10.

⁷ Used for PL18, PL19, PL35, PL36, PL43.

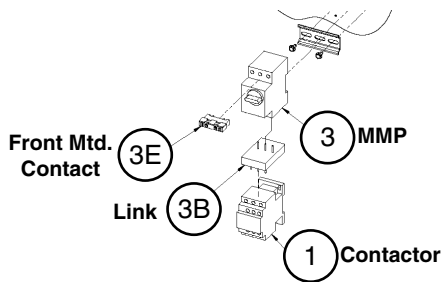
⁸ Used for PL7, PL8.

Section N- Main Control Box

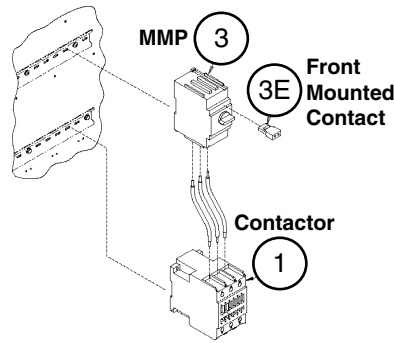
Power Panel 1/07 & Later ¹

Supply MMP10 & M10 Fan Contactor & Return MMP20 & M20 Fan Contactor Diagrams

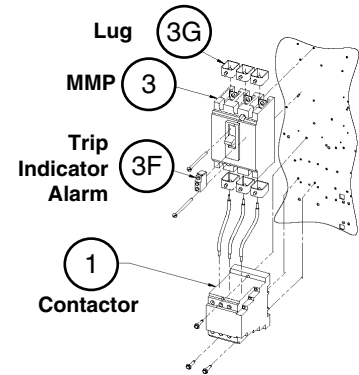
¹ Code 08= D, F. For units built 10/06 thru 12/06 contact Daikin Applied to ensure that the correct part(s) are identified.



MMP10 & M10 Link Detail
MMP20 & M20 Link Detail
 5, 7.5 HP Motors- All Voltages
 10 HP Motor- 230/460/575V
 15, 20 HP Motor- 460/575V
 25, 30 HP Motors- 575V

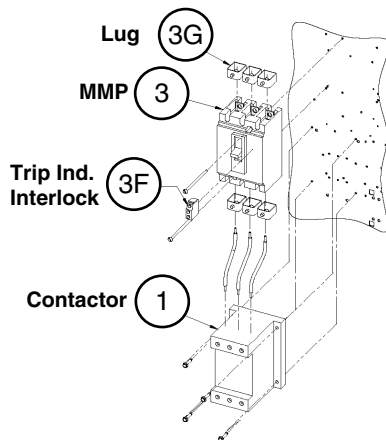


MMP10 & M10 Link Detail
MMP20 & M20 Link Detail
 10HP Motor- 208V
 15HP Motor- 208/230V
 20 HP Motors- 208/230V
 25 HP Motors- 230/460V
 30 HP Motors- 460V
 40 HP Motors- 460/575V
 50 HP Motors- 460/575V
 60 HP Motors- 575V

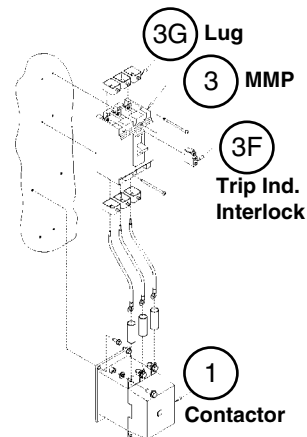


MMP10 & M10 Link Detail
MMP20 & M20 Link Detail
 25 HP Motors- 208V
 30 HP Motors- 230V
 60 HP Motors- 460V

NOTE: The diagrams show all possible parts. Not every part shown applies to every unit size/voltage combination.



MMP10 & M10 Link Detail
MMP20 & M20 Link Detail
 30 HP Motors- 208V
 40 HP Motors- 208/230V
 50 HP Motors- 230V
 75 HP Motors- 460/575V



MMP10 & M10 Link Detail
 50 HP Motors- 208V
 60 HP Motors- 208/230V

Section N- Main Control Box

Power Panel 1/07 & Later ¹

Supply MMP10 & M10 Fan Contactor & Return MMP20 & M20 Fan Contactor Components

¹ Code 08= D, F. For units built 10/06 thru 12/06 contact Daikin Applied to ensure that the correct part(s) are identified.

5 HP Motor- Code 22 OR 32= JEY, JHY, JJY, JKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) OR Return (M20) Fan	349932123	1	1		
		Contactor- Supply (M10) OR Return (M20) Fan	349932121			1	1
3	MMP10, 20	MMP- Supply (MMP10) OR Return (MMP20) Fan	349934052	1	1		
		MMP- Supply (MMP10) OR Return (MMP20) Fan	349934050			1	
		MMP- Supply (MMP10) OR Return (MMP20) Fan	349934049				1
3B		Link	349932922	1	1	1	1
3E		Aux. Contact- 1 NO or NC	349933821	1	1	1	1

7.5 HP Motor- Code 22 OR 32= KEY, KHY, KJY, KKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) OR Return (M20) Fan	349932321	1	1		
		Contactor- Supply (M10) OR Return (M20) Fan	349932122			1	
		Contactor- Supply (M10) OR Return (M20) Fan	349932121				1
3	MMP10, 20	MMP- Supply (MMP10) OR Return (MMP20) Fan	349934054	1			
		MMP- Supply (MMP10) OR Return (MMP20) Fan	349934053		1		
		MMP- Supply (MMP10) OR Return (MMP20) Fan	349934051			1	
		MMP- Supply (MMP10) OR Return (MMP20) Fan	349934050				1
3B		Link	349932922	1	1	1	1
3E		Aux. Contact- 1 NO or NC	349933821	1	1	1	1

10 HP Motor- Code 22 OR 32= LEY, LHY, LJY, LKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) OR Return (M20) Fan	349932521	1			
		Contactor- Supply (M10) OR Return (M20) Fan	349932322		1		
		Contactor- Supply (M10) OR Return (M20) Fan	349932123			1	
		Contactor- Supply (M10) OR Return (M20) Fan	349932122				1
3	MMP10, 20	MMP- Supply (MMP10) OR Return (MMP20) Fan	349934147	1			
		MMP- Supply (MMP10) OR Return (MMP20) Fan	349934055		1		
		MMP- Supply (MMP10) OR Return (MMP20) Fan	349934052			1	
		MMP- Supply (MMP10) OR Return (MMP20) Fan	349934051				1
3B		Link	349932922		1	1	1
3E		Aux. Contact- 1 NO or NC	349933821	1	1	1	1

Section N- Main Control Box

Power Panel 1/07 & Later ¹

Supply MMP10 & M10 Fan Contactor & Return MMP20 & M20 Fan Contactor Components, Continued

¹ Code 08= D, F. For units built 10/06 thru 12/06 contact Daikin Applied to ensure that the correct part(s) are identified.

15 HP Motor- Code 22 OR 32= MEY, MHY, MJY, MKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) OR Return (M20) Fan	349932522	1	1		
		Contactor- Supply (M10) OR Return (M20) Fan	349932321			1	
		Contactor- Supply (M10) OR Return (M20) Fan	349932123				1
3	MMP10, 20	MMP- Supply (M10) OR Return (M20) Fan	349934148	1	1		
		MMP- Supply (M10) OR Return (M20) Fan	349934053			1	
		MMP- Supply (M10) OR Return (M20) Fan	349934052				1
3B		Link	349932922			1	1
3E		Aux. Contact- 1 NO or NC	349933821	1	1	1	1

20 HP Motor- Code 22 OR 32= NEY, NHY, NJY, NKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) OR Return (M20) Fan	349932523	1	1		
		Contactor- Supply (M10) OR Return (M20) Fan	349932322			1	
		Contactor- Supply (M10) OR Return (M20) Fan	349932321				1
3	MMP10, 20	MMP- Supply (M10) OR Return (M20) Fan	349934149	1	1		
		MMP- Supply (M10) OR Return (M20) Fan	349934055			1	
		MMP- Supply (M10) OR Return (M20) Fan	349934053				1
3B		Link	349932922			1	1
3E		Aux. Contact- 1 NO or NC	349933821	1	1	1	1

25 HP Motor- Code 22 OR 32= PEY, PHY, PJY, PKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) OR Return (M20) Fan	349932621	1	1		
		Contactor- Supply (M10) OR Return (M20) Fan	349932521			1	
		Contactor- Supply (M10) OR Return (M20) Fan	349932322				1
3	MMP10, 20	MMP- Supply (M10) OR Return (M20) Fan	349938606	1			
		MMP- Supply (M10) OR Return (M20) Fan	349934149		1		
		MMP- Supply (M10) OR Return (M20) Fan	349934147			1	
		MMP- Supply (M10) OR Return (M20) Fan	349934054				1
3B		Link	349932922				1
3E		Aux. Contact- 1 NO OR NC	349933821		1	1	1
3F		Trip Indicator Interlock	349938701	1			
3G		Lug (3 per kit)	349938801	2			

Section N- Main Control Box

Power Panel 1/07 & Later ³

Supply MMP10 & M10 Fan Contactor & Return MMP20 & M20 Fan Contactor Components

³ Code 08= D, F. For units built 10/06 thru 12/06 contact Daikin Applied to ensure that the correct part(s) are identified.

30 HP Motor- Code 22 OR 32= QEY, QHY, QJY, QKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) OR Return (M20) Fan	349932721	1			
		Contactor- Supply (M10) OR Return (M20) Fan	349932621		1		
		Contactor- Supply (M10) OR Return (M20) Fan	349932521			1	
		Contactor- Supply (M10) OR Return (M20) Fan	349932322				1
3	MMP10, 20	MMP- Supply (M10) OR Return (M20) Fan	349938606	1	1		
		MMP- Supply (M10) OR Return (M20) Fan	349934147			1	
		MMP- Supply (M10) OR Return (M20) Fan	349934055				1
3B		Link	349932922				1
3E		Aux. Contact- 1 NO OR NC	349933821			1	1
3F		Trip Indicator Interlock	349938701	1	1		
3G		Lug (3 per kit)	349938801	2	2		

40 HP Motor- Code 22 OR 32= REY, RHY, RJY, RKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) OR Return (M20) Fan	349932722	1			
		Contactor- Supply (M10) OR Return (M20) Fan	349932721		1		
		Contactor- Supply (M10) OR Return (M20) Fan	349932522			1	1
3	MMP10, 20	MMP- Supply (M10) OR Return (M20) Fan	349938607	1	1		
		MMP- Supply (M10) OR Return (M20) Fan	349934148			1	1
3E		Aux. Contact- 1 NO OR NC	349933821			1	1
3F		Trip Indicator Interlock	349938701	1	1		
3G		Lug (3 per kit)	349938801	1 ¹	1 ¹		

¹ Also requires 3 ring terminals.

50 HP Motor- Code 22 OR 32= SEY, SHY, SJY, SKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) OR Return (M20) Fan	349932702	1			
		Contactor- Supply (M10) OR Return (M20) Fan	349932722		1		
		Contactor- Supply (M10) OR Return (M20) Fan	349932621			1	
		Contactor- Supply (M10) OR Return (M20) Fan	349932523				1
3	MMP10, 20	MMP- Supply (M10) OR Return (M20) Fan	349938607	1	1		
		MMP- Supply (M10) OR Return (M20) Fan	349934149			1	1
3E		Aux. Contact- 1 NO OR NC	349933821			1	1
3F		Trip Indicator Interlock	349938701	1	1		
3G		Lug (3 per kit)	349938801	1 ²	1 ²		

² Also requires 3 ring terminals.

Section N- Main Control Box

Power Panel 1/07 & Later ²

Supply MMP10 & M10 Fan Contactor & Return MMP20 & M20 Fan Contactor Components

² Code 08= D, F. For units built 10/06 thru 12/06 contact Daikin Applied to ensure that the correct part(s) are identified.

60 HP Motor- Code 22 OR 32= TEY, THY, TJY, TKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) OR Return (M20) Fan	349932702	1	1		
		Contactor- Supply (M10) OR Return (M20) Fan	349932621			1	1
3	MMP10, 20	MMP- Supply (M10) OR Return (M20) Fan	349938608	1	1		
		MMP- Supply (M10) OR Return (M20) Fan	349938606			1	
		MMP- Supply (M10) OR Return (M20) Fan	349934149				1
3E		Aux. Contact- 1 NO OR NC	349933821				1
3F		Trip Indicator Interlock	349938701	1	1	1	
3G		Lug (3 per kit)	349938802	1 ¹	1 ¹		
		Lug (3 per kit)	349938801			2	

¹ Also requires 3 ring terminals.

75 HP Motor- Code 32= UEY, UHY, UJY, UKY

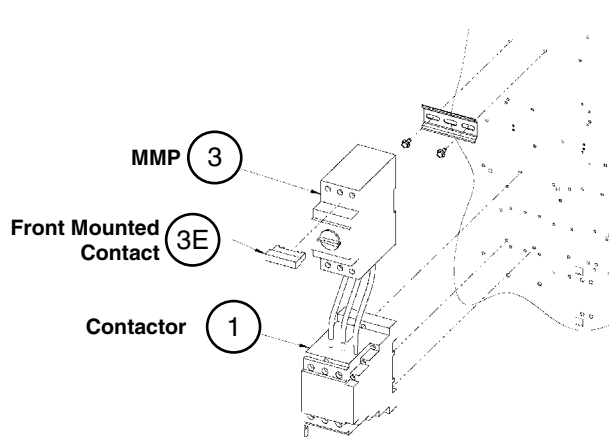
Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10	Contactor- Supply Fan	349932721			1	1
3	MMP10	MMP- Supply Fan	349938606			1	1
3F		Trip Indicator Interlock	349938701			1	1
3G		Lug	349938801			2	2

Section N- Main Control Box

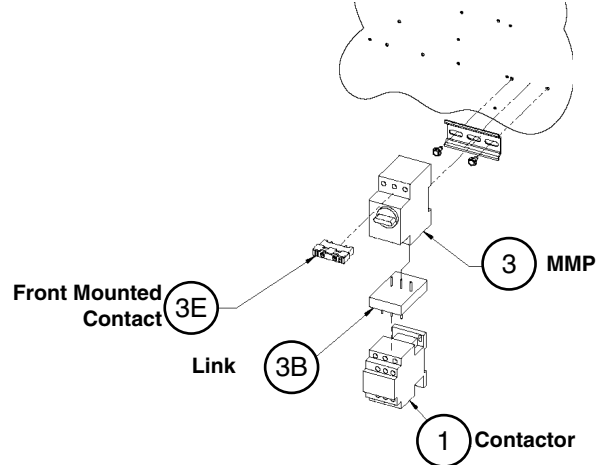
Power Panel 1/07 & Later ³

Unit Size 080: Compressor MMP1- 6 and Contactor M1- 6

³ Code 08= D, F. For units built 10/06 thru 12/06 contact Daikin Applied to ensure that the correct part(s) are identified.



MMP & Contactor Link Detail
208/230V



MMP & Contactor Link Detail
460/575V

Ref No	Sch Sym	Part Description	Part Number	080			
				208V	230V	460V	575V
		Compressor Contactors & Parts					
1	M1- 6	Contact- Compressor	349932523	6	6		
		Contact- Compressor	349932322			6	6
		Compressor MMP's & Parts					
3	MMP1- 6	Manual Motor Protector- Compr.	349934148	6 ¹	6		
		Manual Motor Protector- Compr.	349934149	6 ¹			
		Manual Motor Protector- Compr.	349934054			6	
		Manual Motor Protector- Compr.	349934052				6 ²
		Manual Motor Protector- Compr.	349934053				6 ²
3B		Link	349932922			6	6
3E		Front Mounted Contact- 1NO OR 1 NC	349933821	6	6	6	6

¹ When the Compressor changed in 7/08, the MMP for the 208V changed. -48 is used for the scroll Compressors used until 7/08, -49 for 7/08 & Later. If an original Specter Compressor is replaced with a new Summit Compressor, the MMP should be replaced as well.

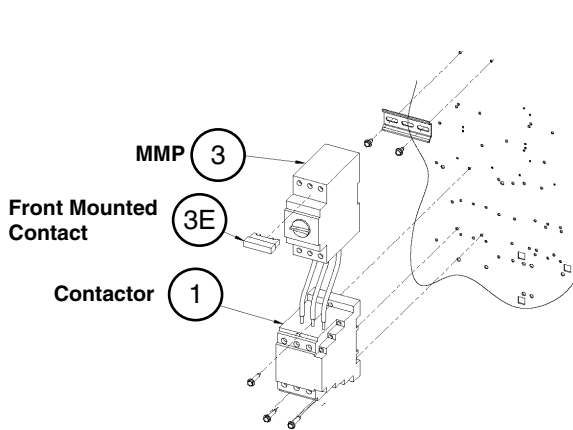
² When the Compressor changed in 7/08, the MMP for the 575V changed. -52 is used for the scroll Compressors used until 7/08, -53 for 7/08 & Later. If an original Specter Compressor is replaced with a new Summit Compressor, the MMP should be replaced as well.

Section N- Main Control Box

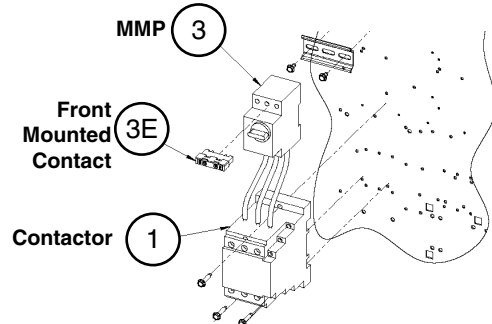
Power Panel 1/07 & Later ³

Unit Size 090: Compressor MMP1- 6 and Contactor M1- 6

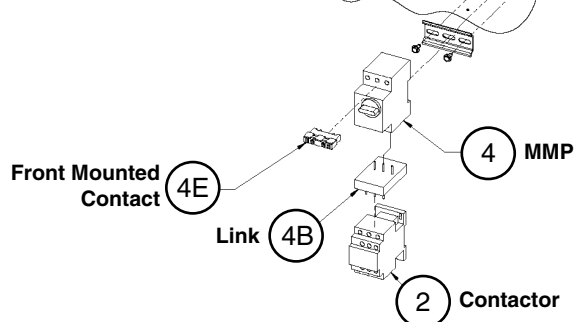
³ Code 08= D, F. For units built 10/06 thru 12/06 contact Daikin Applied to ensure that the correct part(s) are identified.



MMP1,3,5 & M1,3,5 Contactor Link Detail
MMP2,4,6 & M2,4,6 Contactor Link Detail
 208/230V



MMP1,3,5 & M1,3,5 Contactor Link Detail
 460/575V



MMP2,4,6 & M2,4,6 Contactor Link Detail
 460/575V

Ref No	Sch Sym	Part Description	Part Number	090			
				208V	230V	460V	575V
		Compressor Contactors & Parts					
1	M1, 3, 5	Contactor- Compressor	349932521			3	3
		Contactor- Compressor	349932621	3	3		
2	M2, 4, 6	Contactor- Compressor	349932523	3			
		Contactor- Compressor	349932322		3	3	
		Compressor MMP's & Parts					
3	MMP1, 3, 5	Manual Motor Protector- Compressor	349934149	3	3		
		Manual Motor Protector- Compressor	349934055			3	
		Manual Motor Protector- Compressor	349934054				3
3E		Front Mounted Contact- 1NO OR 1 NC	349933821	3	3	3	
4	MMP2, 4, 6	Manual Motor Protector- Compressor	349934148	3 ¹	3		
		Manual Motor Protector- Compressor	349934149	3 ¹			
		Manual Motor Protector- Compressor	349934054			3	
		Manual Motor Protector- Compressor	349934052				3 ²
		Manual Motor Protector- Compressor	349934053				3 ²
4B		Link	349932922			3	3
4E		Front Mounted Contact- 1NO	349933821	3	3	3	3

¹ When the Compressor changed in 7/08, the MMP for the 208V changed. -48 is used for the Scroll Compressors used until 7/08, -49 for 7/08 & Later. If an original Specter Compressor is replaced with a new Summit Compressor, the MMP should be replaced as well.

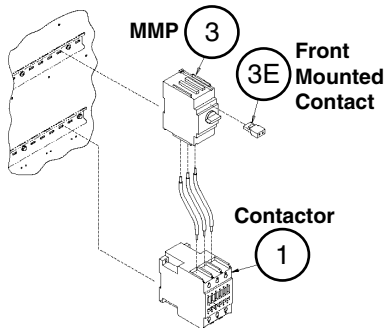
² When the Compressor changed in 7/08, the MMP for the 575V changed. -52 is used for the Scroll Compressors used until 7/08, -53 for 7/08 & Later. If an original Specter Compressor is replaced with a new Summit Compressor, the MMP should be replaced as well.

Section N- Main Control Box

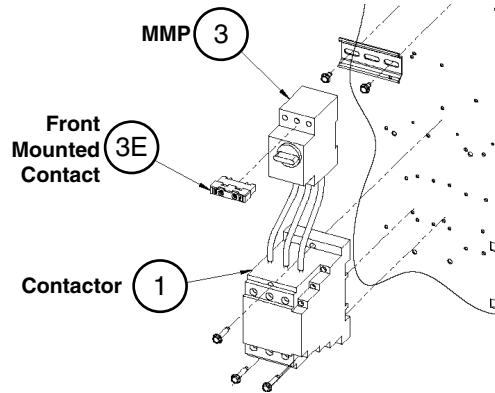
Power Panel 1/07 & Later ¹

Unit Size 105: Compressor MMP1- 6 and Contactor M1- 6

¹ Code 08= D, F. For units built 10/06 thru 12/06 contact Daikin Applied to ensure that the correct part(s) are identified.



MMP & Contactor Link Detail
208/230V



MMP & Contactor Link Detail
460V, 575V

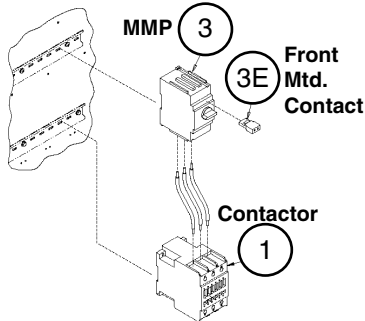
Ref No	Sch Sym	Part Description	Part Number	105		
				208/230V	460V	575V
		Compressor Contactors & Parts				
1	M1- 6	Contact- Compressor	349932621	6		
		Contact- Compressor	349932521		6	6
		Compressor MMP's & Parts				
3	MMP1- 6	Manual Motor Protector- Compr.	349934149	6		
		Manual Motor Protector- Compr.	349934055		6	
		Manual Motor Protector- Compr.	349934054			6
3E		Front Mounted Contact- 1NO	349933821	6	6	6

Section N- Main Control Box

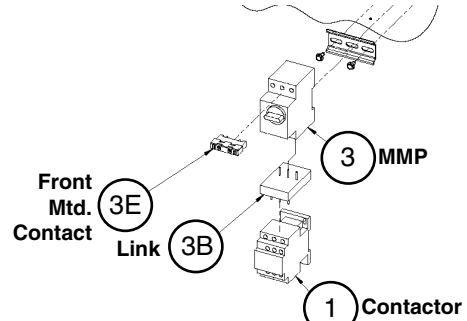
Power Panel 1/07 & Later ²

Unit Size 115: Compressor MMP1- 8 and Contactor M1- 8

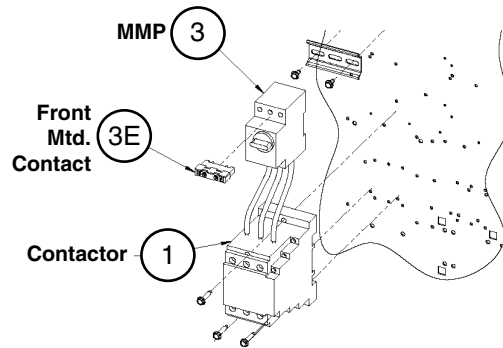
² Code 08= D, F. For units built 10/06 thru 12/06 contact Daikin Applied to ensure that the correct part(s) are identified.



MMP & Contactor Link Detail
208/230V, 460V, 575V AL



MMP & Contactor Link Detail
460V PW



MMP & Contactor Link Detail
575V PW

Ref No	Sch Sym	Part Description	Part Number	115				
				208/230V	460V AL	460V PW	575V AL	575 PW
		Comp. Contactors & Parts						
1	M1- 8 ¹	Contact- Compressor	349932523	8	4		4	
		Contact- Compressor	349932322			8		
		Contact- Compressor	379932521					8
		Comp. MMP's & Parts						
3	MMP1- 8 ¹	Manual Motor Protector- Compressor	349934149	8	4			
		Manual Motor Protector- Compressor	349934147				4	
		Manual Motor Protector- Compressor	349934053					8
		Manual Motor Protector- Compressor	349934055			8		
3B		Link	349932922			8		
3E		Aux. Contact- 1 NO OR NC	349933821	8	4	8	4	8

NOTE: PW= Part Winding Start (Code 10= PW); AL= Across the Line Start (Code 10= AL).

¹ MMP1- 4/M1- 4 apply to all sizes, all voltages and starting options.

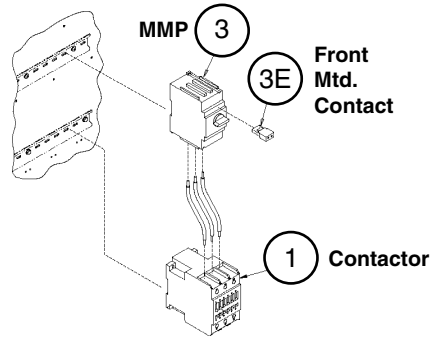
MMP5- 8/M5- 8 apply to 208/230V and 460V, 575V Part Winding units only.

Section N- Main Control Box

Power Panel 1/07 & Later ²

Unit Size 125: Compressor MMP1- 8 and Contactor M1- 8 Across The Line Start Compressors (Code 10= AL)

² Code 08= D, F. For units built 10/06 thru 12/06 contact Daikin Applied to ensure that the correct part(s) are identified.



Ref No	Sch Sym	Part Description	Part Number	125		
				208/230V	460V	575V
		Comp. Contactors & Parts				
1	M1- 8 ¹	Contactor- Compressor	349932523	8	4	4
		Comp. MMP's & Parts				
3	MMP1- 8 ¹	Manual Motor Protector- Compressor	349934149	8	4	
	MMP1, 2 ¹	Manual Motor Protector- Compressor	349934147			2
	MMP3, 4 ¹	Manual Motor Protector- Compressor	349934148			2
3E		Front Mounted Contact- 1NO	349933821	8	4	4

¹ MMP1- 4/M1- 4 apply to all voltages.

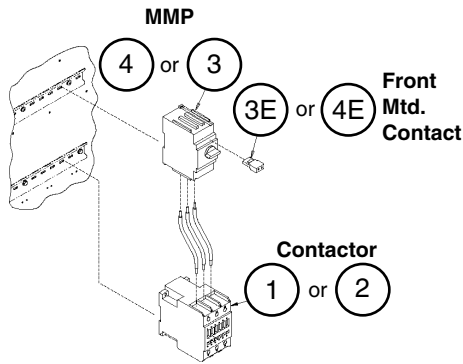
MMP5- 8/M5- 8 apply to 208/230V units only.

Section N- Main Control Box

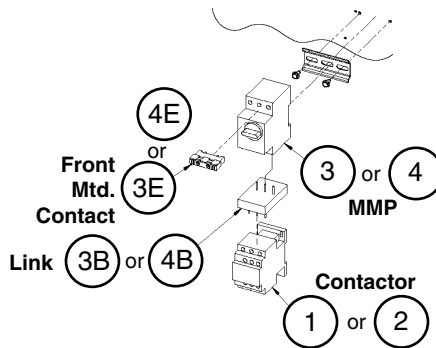
Power Panel 1/07 & Later ¹

Unit Size 125: Compressor MMP1- 8 and Contactor M1- 8 Part Winding Start Compressors (Code 10= PW)

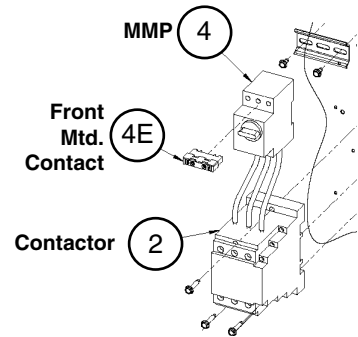
¹ Code 08= D, F. For units built 10/06 thru 12/06 contact Daikin Applied to ensure that the correct part(s) are identified.



**MMP & Contactor Link Detail
208/230V**



**MMP & Contactor Link Detail
460V, 575V MMP 1, 2, 5, 6**



**MMP & Contactor Link Detail
575V MMP 3, 4, 7, 8**

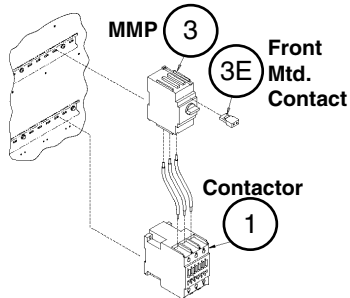
Ref No	Sch Sym	Part Description	Part Number	125		
				208/230V	460V	575V
		Compressor Contactors & Parts				
1	M1, 2, 5, 6	Contact- Compressor	349932503	4		
		Contact- Compressor	349932322		4	
		Contact- Compressor	349932321			4
2	M3, 4, 7, 8	Contact- Compressor	349932601	4		
		Contact- Compressor	349932322		4	
		Contact- Compressor	349932521			4
		Compressor MMP's & Parts				
3	MMP1, 2, 5, 6	Manual Motor Protector- Compressor	349934109	4		
		Manual Motor Protector- Compressor	349934055		4	
		Manual Motor Protector- Compressor	349934053			4
3B		Link	349932922		4	4
3E		Front Mounted Contact- 1NO	349933801	4		
		Front Mounted Contact- 1NO or 1NC	349933821		4	4
4	MMP3, 4, 7, 8	Manual Motor Protector- Compressor	349934109	4		
		Manual Motor Protector- Compressor	349934055		4	
		Manual Motor Protector- Compressor	349934054			4
4B		Link	349932922		4	
4E		Front Mounted Contact- 1NO	349933801	4		
		Front Mounted Contact- 1NO or 1NC	349933821		4	4

Section N- Main Control Box

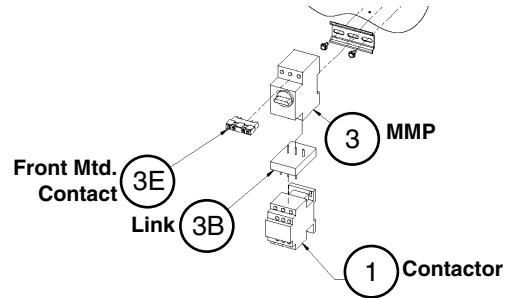
Power Panel 1/07 & Later ²

Unit Size 135: Compressor MMP1- 8 and Contactor M1- 8

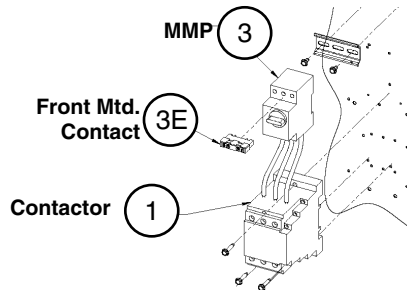
² Code 08= D, F. For units built 10/06 thru 12/06 contact Daikin Applied to ensure that the correct part(s) are identified.



MMP & Contactor Link Detail
Unit Sizes 208/230V, 460V AL & 575 AL



MMP & Contactor Link Detail
460 PW



MMP & Contactor Link Detail
575 PW

Ref No	Sch Sym	Part Description	Part Number	135				
				208/230V	460V AL	460V PW	575V AL	575 PW
		Comp. Contactors & Parts						
1	M1- 8 ¹	Contactor- Compressor	349932523	8	4	4		
		Contactor- Compressor	349932322			8		
		Contactor- Compressor	349932521				8	
		Comp. MMP's & Parts						
3	MMP1- 8 ¹	Manual Motor Protector- Compressor	349934149	8	4			
		Manual Motor Protector- Compressor	349934055			8		
		Manual Motor Protector- Compressor	349934148			4		
		Manual Motor Protector- Compressor	349934054				8	
3B		Link	349932922			8		
3E		Front Mounted Contact- 1NO or 1NC	349933821	8	4	8	4	8

NOTE: PW= Part Winding Start (Code 10= PW); AL= Across the Line Start (Code 10= AL).

¹ MMP1- 4/M1- 4 apply to all sizes, all voltages and starting options.

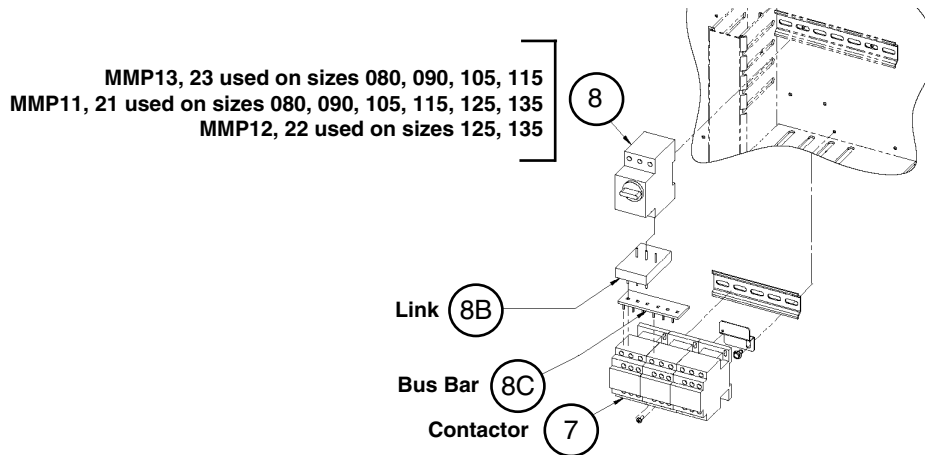
MMP5- 8/M5- 8 apply to 208/230V and 460V, 575V Part Winding units only.

Section N- Main Control Box

Power Panel 1/07 & Later ²

Condenser Fan MMP11, 12, 13, 21, 22, 23 and Contactors M11 - 24 FanTrol Units (Code 47= 1)

² Code 08= D, F. For units built 10/06 thru 12/06 contact Daikin Applied to ensure that the correct part(s) are identified.



Ref No	Schematic Symbol	Part Description	Part Number	080- 105			115			125, 135		
				208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V
		Fan Contactors										
7	M11,12,13,14 21, 22, 23, 24	Contactor- Condenser Fan	349932121	8	8	8	8	8	8	8	8	8
		Fan MMP's & Parts										
8	MMP11, 21	Manual Motor Protector	349934049		2	2		2	2			
		Manual Motor Protector	349934050	2			2				2	2
		Manual Motor Protector	349934051							2		
	MMP13, 23	Manual Motor Protector	349934049		2 ¹	2 ¹						
		Manual Motor Protector	349934050	2 ¹				2	2			
		Manual Motor Protector	349934051				2					
	MMP12, 22	Manual Motor Protector	349934050								2	2
		Manual Motor Protector	349934051							2		
8B		Link- MMP	349932922	4	4	4	4	4	4	4	4	4
8C		Bus Bar	349934311	4	4	4	4	4	4	4	4	4

¹ The part numbers for unit size 105 MMP23 are— 208/230V p/n 349934051; 460/575V p/n 349934050.

Section N- Main Control Box

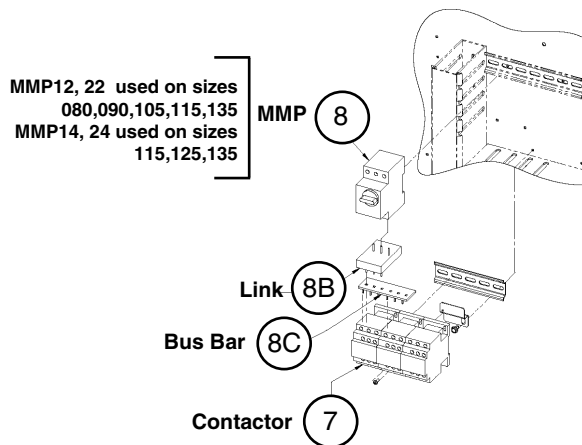
Power Panel 1/07 & Later ²

Condenser Fan MMP12, 14, 22, 24 and Contactors M11 - 24

SpeedTrol Units (Code 47= 2) ³

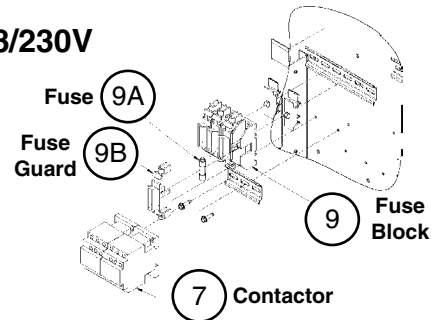
² Code 08= D, F. For units built 10/06 thru 12/06 contact Daikin Applied to ensure that the correct part(s) are identified.

³ For Speedtrol units with Quiet Fans (Code 47= 4) contact Daikin Applied with Unit GO/Serial Number.

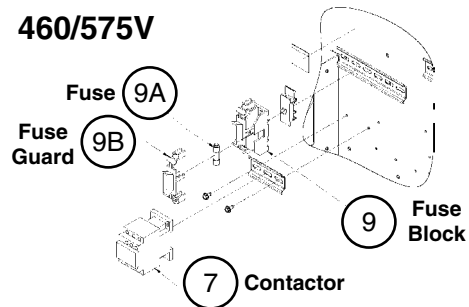


MMP & Contactors Detail
(applies to all sizes)

208/230V



460/575V



Speedtrol Fusing Detail
F11, F12 & M12,M22 (with Speedtrol)

Ref No	Schematic Symbol	Part Description	Part Number	080- 105			115			125, 135		
				208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V
		Fan Contactors										
7	M11,12,13,14 21, 22, 23, 24	Contactor- Condenser Fan	349932121	8	8	8	8	8	8	8	8	8
		Fan MMP's & Parts										
8	MMP12, 22	Manual Motor Protector	349934049					2	2			
		Manual Motor Protector	349934050		2 ¹	2 ¹	2				2	2
		Manual Motor Protector	349934051	2 ¹						2		
	MMP14, 24	Manual Motor Protector	349934049					2	2		2	2
		Manual Motor Protector	349934050				2			2		
8B		Link- MMP	349932922	2	2	2	4	4	4	4	4	4
8C		Bus Bar (MMP12, 22 only)	349934311	2	2	2	2	2	2	2	2	2
9	F11	Fuse Block	023780222	1	1	1	1	1	1	1	1	1
	F12	Fuse Block	023780222	1			1			1		
9A	F11	Fuse	349937133		2	2		2	2		2	2
	F11	Fuse	349937129	2			2			2		
	F12	Fuse	349937129	2			2			2		
9B		Fuse Puller	349938227	4	2	2	4	2	2	4	2	2

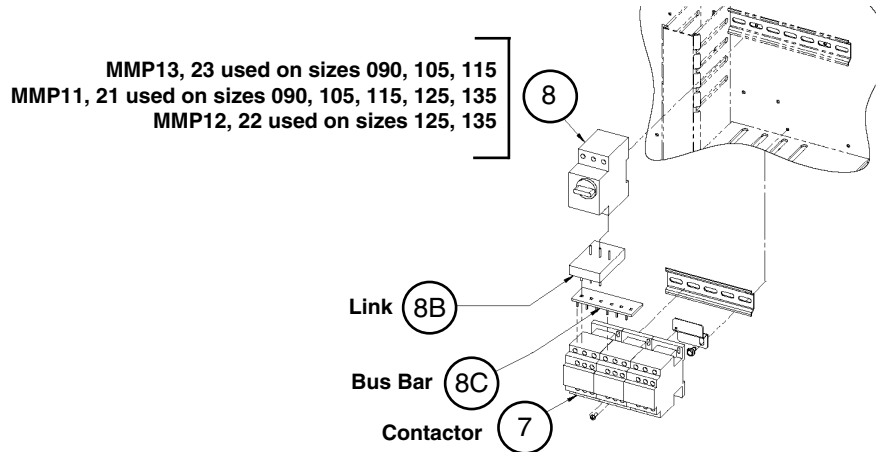
¹ The part numbers for MMP22, unit size 105 are— 208/230V p/n 349934050; 460/575V p/n 349934049.

Section N- Main Control Box

Power Panel 1/07 & Later ⁴

Condenser Fan MMP11, 12, 13, 21, 22, 23 and Contactors M11- 24 Quiet Fan Fantrol Units (Code 47= 3)

⁴ Code 08= D, F. For units built 10/06 thru 12/06 contact Daikin Applied to ensure that the correct part(s) are identified.



Ref No	Schematic Symbol	Part Description	Part Number	080, 090				105				115				125, 135			
				208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V
		Fan Contactors																	
7	M11,12,13,14 21, 22, 23, 24	Contactor- Cond. Fan	349932121	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
		Fan MMP's & Parts																	
8	MMP11, 21	Manual Motor Protector	349934049			2	2			2	2			2	2				
		Manual Motor Protector	349934050	2	2			2	2			2	2					2	2
		Manual Motor Protector	349934051														2		
		Manual Motor Protector	349934052													2			
	MMP13, 23	Manual Motor Protector	349934049			2	2												
		Manual Motor Protector	349934050	2	2					2 ³	2 ³			2	2				
		Manual Motor Protector	349934051					2 ¹	2 ²				2						
		Manual Motor Protector	349934052									2							
	MMP12, 22	Manual Motor Protector	349934050															2	2
		Manual Motor Protector	349934051														2		
		Manual Motor Protector	349934052													2			
8B		Link- MMP	349932922	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
8C		Bus Bar	349934311	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

¹ 208V unit size 105 MMP23 is p/n 349934052.

² 230V unit size 105 MMP23 is p/n 349934051.

³ 460/575V unit size 105 MMP23 is p/n 34993450.

Refrigeration Tubing Notes

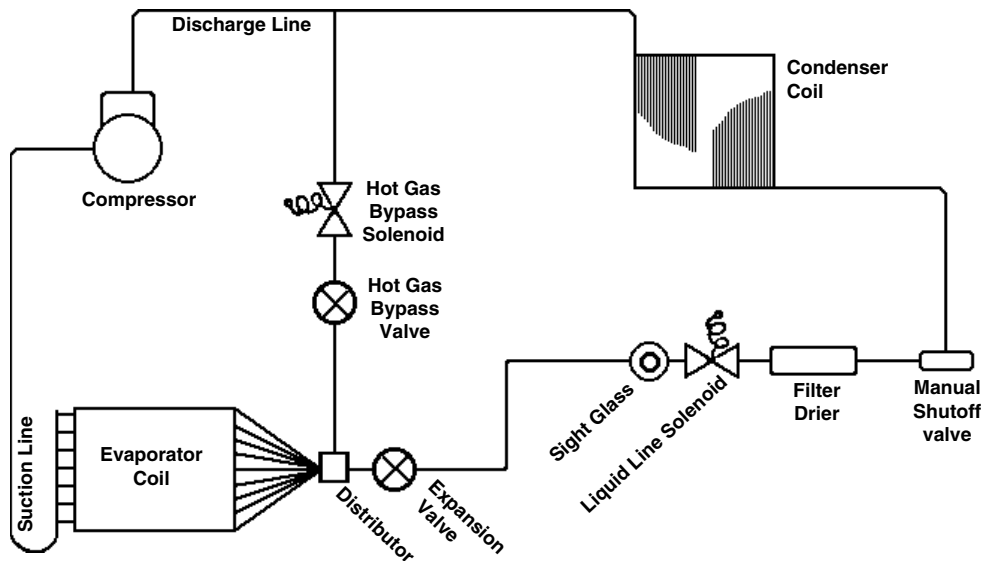


Main Codes that pertain: 45, 46

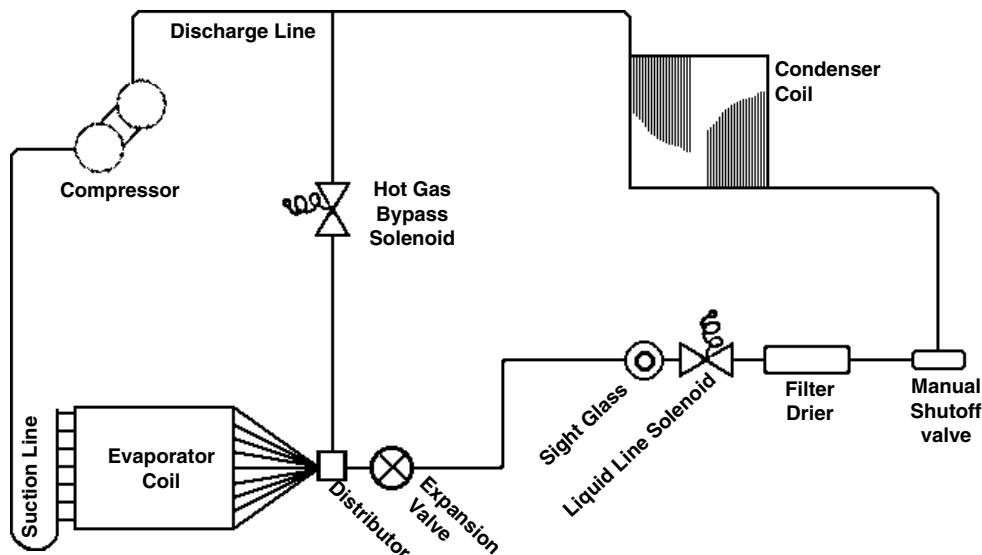
Code 45, Compressor mounting, pertains to the Suction and Discharge Tubing located in the Condenser Section. If the unit has Spring Isolators, then there are also Vibration Eliminators on the Suction and Discharge Lines. The Suction and Discharge Lines only pertain to RPS and RCS units. RFS units do not have an integrated Condenser Section and are designed to hook up to a separate Condensing Unit (such as an RCS unit.)

Code 46, Hot Gas Bypass, pertains to the Liquid Line tubing on RPS and RFS units. The drawings below show the Hot Gas Bypass option installed. RCS units come from the factory with NO Liquid Line components installed. HGBP can be field installed on RPS and RCS units, however, it is important to note that additional piping required for field installed HGBP is ALWAYS field supplied.

Schematic— Disc Compressor (Circuit # 1 OR Circuit #2):



Schematic— Scroll Compressor (Circuit # 1 OR Circuit #2):



Refrigeration Tubing Components

Units with Semi-Hermetic Discus Compressors (Code 44= H, K)

Ref. No.	Part Description	Part Number	Unit Size ¹					
			080	090	105	115	125	135
	Condenser Section							
N/S	Valve- Shut Off	049266501	1	1	1	1	1	1
	Cap- Shut Off Valve	032943500	1	1	1	1	1	1
	Discharge Line							
N/S	Eliminator- Vibration ⁴	020001710			2			
	Eliminator- Vibration ⁴	020001711	1	1		2	2	2
N/S	Stem- Valve	034915300	2	2	2	2	2	2
N/S	Core- Valve	026541100	2	2	2	2	2	2
N/S	Cap- Valve	032943500	1	1	1	1	1	1
N/S	Valve- Pressure Relief, 450 PSIG	039441300	1	1	1	1	1	1
N/S	Muffler	047664304	1	1				
	Muffler	047664305			1	1	1	1
	Liquid Line							
N/S	Shell- Replaceable Filter Drier ³	019190500	1	1	1	1	1	1
N/S	Core, Replaceable- Filter Drier ³	001360800	2	2	2	2	2	2
N/S	Filter Drier- Sealed Core	021057426	1	1	1	1	1	1
N/S	Solenoid Valve- Liquid Line	047931305	1	1				
	Solenoid Valve- Liquid Line	025327600			1	1	1	1
N/S	Body- Sight Glass Until 1/00	022431100	1	1	1	1	1	1
N/S	Cap- Sight Glass Until 1/00	022427700	1	1	1	1	1	1
N/S	Sight Glass Assy 1/00 & Later	015997806	1	1	1	1	1	1
	Expansion Valve- Small Face Area Coils (C03= S)							
N/S	TXV- 40 Ton	024029503	1					
	TXV- 55 Ton	024029504		1				
	TXV- 30 Ton	024029605			2	2	N/A	N/A
	Expansion Valve- Large Face Area Coils (C03= L)							
N/S	TXV- 20 Ton	024029601	2	2				
	TXV- 30 Ton	024029605			2	2	2	
	TXV- 40 Ton	024029501						2
	Suction Line							
N/S	Eliminator- Vibration ⁴	020001712			2			
	Eliminator- Vibration ⁴	020001713	1	1		2	2	2
	Hot Gas Bypass Valves ²							
N/S	Solenoid Until 5/02	047931304	1	1	1	1	1	1
N/S	Pressure Regulator- Set 58 PSIG Until 5/02	024684106	1	1	1	1	1	1
N/S	Solenoid Valve- HGBP 5/02 & Later	111011001	1	1	1	1	1	1

N/A= Not Applicable.

N/S= Not Shown on Diagram.

¹ Quantity is PER circuit. Each unit has two (2) circuits. The components listed are the same for either circuit.

² Code 46= 1, 2, 4, 5. If Code 46= 1, 4 then there is Hot Gas Bypass on Circuit #1 only.

³ Code 46= 3, 4, 5.

⁴ Only used when Compressors are spring mounted (Code 45= 2).

Refrigeration Tubing Components

Units with Scroll Compressors (Code 44= Z, T)

Ref. No.	Part Description	Part Number	Unit Size ¹		
			080	090	105
	Condenser Section				
N/S	Valve- Shut Off	049266502	1	1	1
	Cap- Shut Off Valve	032943500	1	1	1
	Discharge Tubing				
N/S	Valve- Angle Shut Off	098805301	1		
N/S	Valve- Angle Shut Off	098805302		1	1
N/S	Stem- Valve	034915300	2	2	2
N/S	Core- Valve	026541100	2	2	2
N/S	Cap- Valve	032943500	1	1	1
	Liquid Line				
N/S	Sight Glass Assy	015997806	1	1	1
N/S	Shell- Replaceable Filter Drier ³	019190500	1	1	1
N/S	Core, Replaceable- Filter Drier ³	001360800	2	2	2
N/S	Filter Drier- Sealed Core	021057426	1	1	1
N/S	Solenoid Valve- Liquid Line	047931305	1	1	
	Solenoid Valve- Liquid Line	025327600			1
	Expansion Valve- Small Face Area Coils (Code 03= S)				
N/S	TXV- 20 Ton	024029601	2		
	TXV- 30 Ton	024029605			2
	TXV- 55 Ton	024029504		1	
	Expansion Valve- Large Face Area Coils (Code 03= L)				
N/S	TXV- 20 Ton	024029601	2	2	
	TXV- 30 Ton	024029605			2
	Hot Gas Bypass ²				
N/S	Solenoid Valve- Hot Gas Bypass	111011001	1	1	1

N/S= Not Shown on Diagram.

¹ Quantity is PER circuit. Each unit has two (2) circuits. The components listed are the same for either circuit.

² Code 46= 1, 2, 4, 5. If Code 46= 1, 4 then there is Hot Gas Bypass on Circuit #1 only.

³ Code 46= 3, 4, 5.